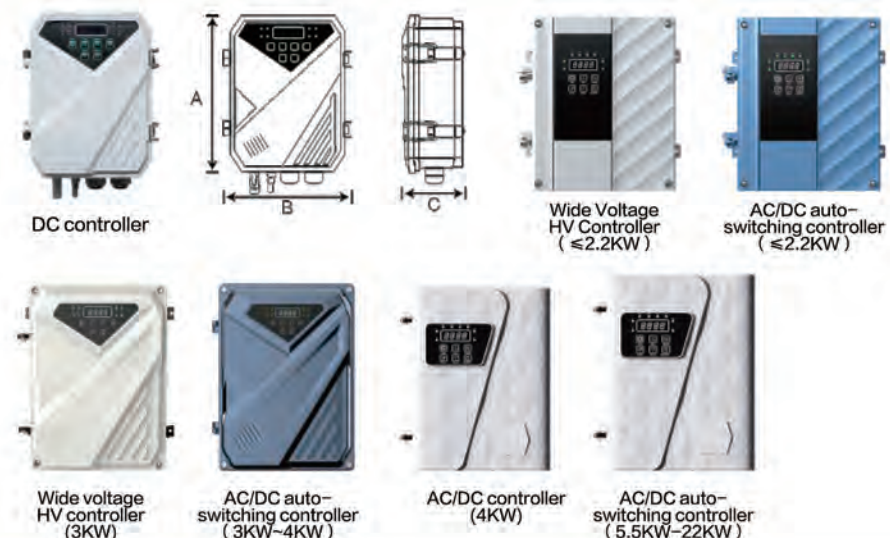


SOLAR PUMP

PROFESSIONAL SOLAR PUMP MANUFACTURER



CONTROLLER



TECHNICAL DATA

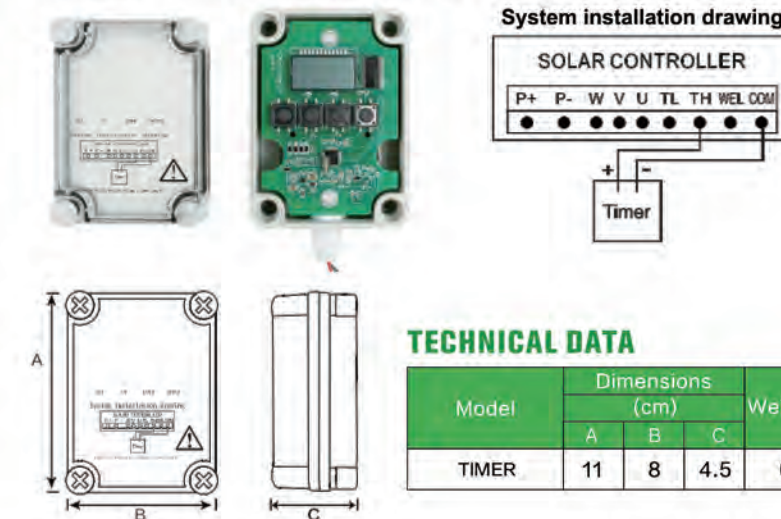
Model	Dimensions (cm)			Weight (kg)
	A	B	C	
DC controller	21.5	18	8	1.5
Wide voltage HV controller ($\leq 2.2\text{KW}$)	24	23.5	11	2.2
Wide voltage HV controller (3KW)	29	23	11	2.4
AC/DC auto-switching controller ($\leq 2.2\text{KW}$)	24	23.5	11	2.3
AC/DC auto-switching controller (3KW-4KW)	29	23	11	2.5
AC/DC controller (4KW)	30.5	25.5	16	5.4
AC/DC auto-switching controller (5.5KW-13KW)	30.5	25.5	16	5.5
AC/DC auto-switching controller (15KW-22KW)	37	28.5	16.5	8.4

WORKING ENVIRONMENT AND ELECTRICAL PROPERTY

Controller and Pump Matching Method					
Controller Model	Adaptable Pump	Max.Input Current (A)	Max.Open Circuit Voltage (V)	Optimum MPPT Voltage(v)	Working Temperature (°C)
DF-12	Rated 12V Pump	17	<60	30-48	-15 ~ 60
DF-24	Rated 24V Pump	17	<60	30-48	-15 ~ 60
DF-36	Rated 36V Pump	17	<60	30-48	-15 ~ 60
DF-48	Rated 48V Pump	17	<110	60-90	-15 ~ 60
DF-72	Rated 72V Pump	17	<170	90-120	-15 ~ 60
DF-110	Rated 110V Pump	17	<220	110-150	-15 ~ 60
DF-72-A/D	Rated 72V-A/D Pump	17	<430	100-350	-15 ~ 60
DF-110-A/D	Rated 110V-A/D Pump	17	<430	110-350	-15 ~ 60
DF-200-A/D	Rated 200V-A/D Pump	17	<430	200-350	-15 ~ 60
DF-245-A/D	Rated 245V-A/D Pump	17	<430	245-350	-15 ~ 60
DF-300-A/D	Rated 300V-A/D Pump	17	<430	300-350	-15 ~ 60
DF-520-A/D	Rated 520V-A/D Pump	17-32	<780	520-650	-15 ~ 60
DF-110-HV	Rated 110V-HV Pump	17	<430	110-350	-15 ~ 60
DF-200-HV	Rated 200V-HV Pump	17	<430	200-350	-15 ~ 60
DF-245-HV	Rated 245V-HV Pump	17	<430	245-350	-15 ~ 60

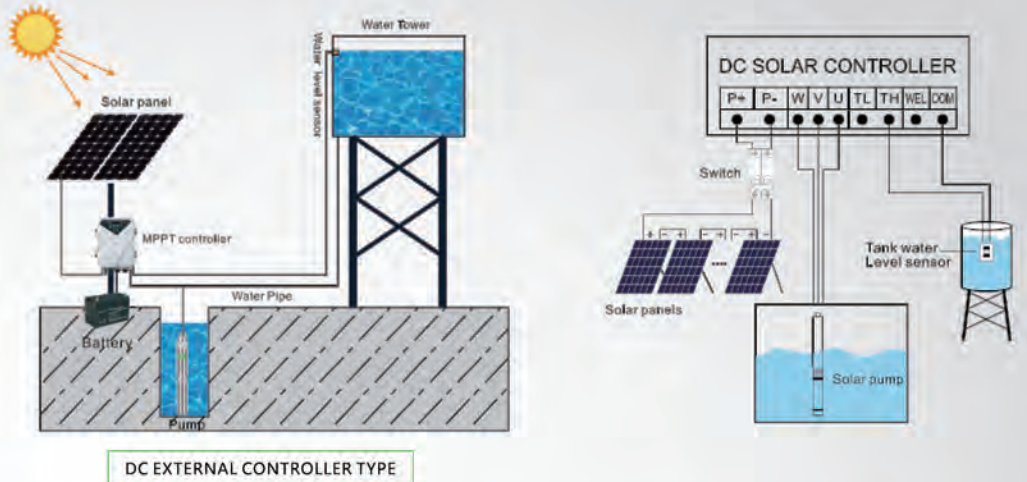
TIMER FOR SOLAR PUMP

Set the startup and shutdown time to intelligently control the operation of the solar pump. Can be matched with other factory's controllers.



DC SUBMERSIBLE PUMP

Environmental protection and energy saving



ADVANTAGE OF DC SOLAR PUMP

- 1、Permanent magnet DC brushless synchronous motor: The efficiency is increased by 15% - 20%, saving energy consumption.
- 2、The whole 304 stainless steel rotor shaft avoids the risk of shaft breakage.
- 3、Brass/Stainless steel outlet/connector/ oil cylinder, with better corrosion resistance.
- 4、Japanese NSK bearing, longer working life.
- 5、Double bearing structure at the bottom of rotor, using angular contact bearing, can withstand greater axial pressure.
- 6、Silicon carbide-impregnated graphite mechanical seal, long service life and reliable operation.
- 7、180℃ high temperature resistant copper wire, insulation class F.
- 8、Cold rolled 600 silicon steel sheet stator and rotor.
- 9、The magnet is made of 40SH NdFeb, with a temperature resistance of 150℃.
- 10、304 S/S pump shaft.
- 11、Controller:
 - (1)Waterproof grade: IP65
 - (2)Wide open circuit voltage range
 - (3)Ambient temperature: -15℃~60℃
 - (4)MPPT function, the solar power utilization rate is higher.
 - (5)LED displays the power, voltage, current, speed etc working condition.
 - (6)It can automatically adjust the speed for operation according to the sunlight power, and can also manually adjust the speed for operation according to the actual demand.
 - (7)Automatic startup and shutdown, without personnel on duty.
 - (8)Soft start: No impulse current, protect the pump motor.
 - (9)Over-voltage/undervoltage/over-current/phase loss/short circuit/water shortage/high temperature protection etc.
- 12、2 years warranty.

2DPC

2"DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

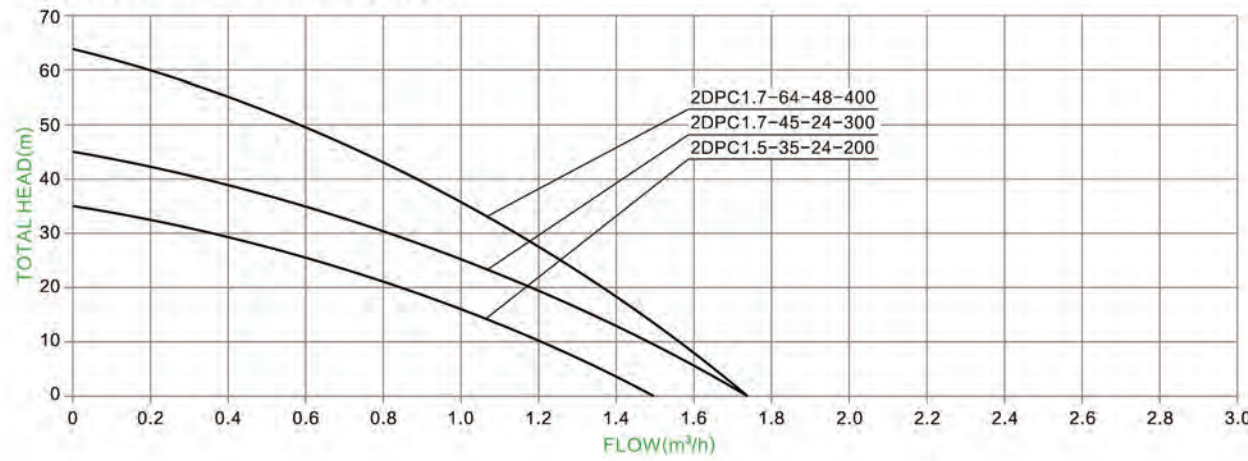


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
2DPC1.5-35-24-200	24V	30V-48V	200W	1.5m³/h	35m	0.75"	2m	<60V	≥1.3*PUMP POWER
2DPC1.7-45-24-300	24V	30V-48V	300W	1.7m³/h	45m	0.75"	2m	<60V	≥1.3*PUMP POWER
2DPC1.7-64-48-400	48V	60V-90V	400W	1.7m³/h	64m	0.75"	2m	<110V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



2DSS/3DSS/4DSS

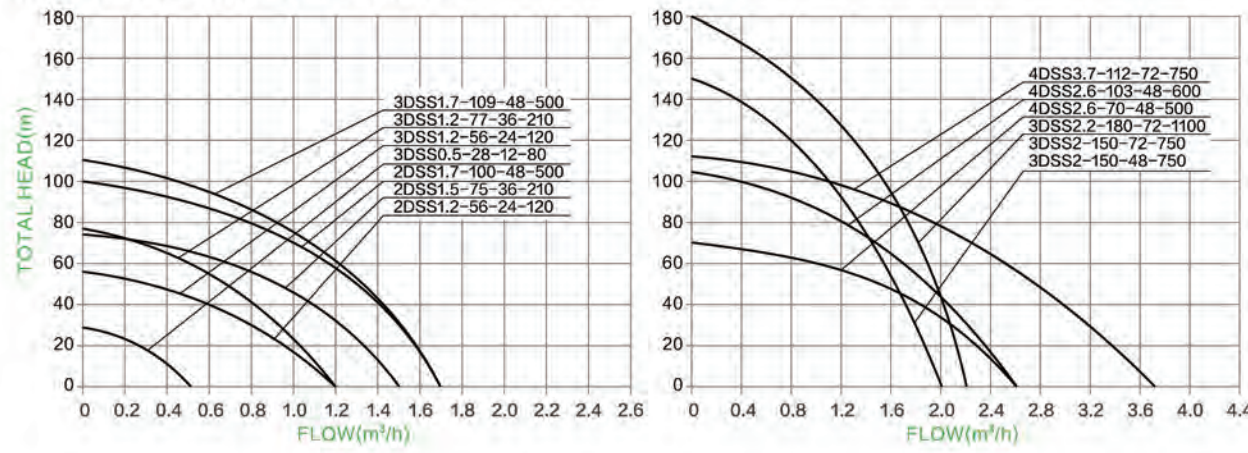
2"/3"/4"DC BRUSHLESS SCREW SOLAR PUMP



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
2DSS1.2-56-24-120	24V	30V-48V	120W	1.2m³/h	56m	0.5"	2m	<60V	≥1.3*PUMP POWER
2DSS1.5-75-36-210	36V	30V-48V	210W	1.5m³/h	75m	0.5"	2m	<60V	≥1.3*PUMP POWER
2DSS1.7-100-48-500	48V	60V-90V	500W	1.7m³/h	100m	0.5"	2m	<110V	≥1.3*PUMP POWER
3DSS0.5-28-12-80	12V	30V-48V	80W	0.5m³/h	28m	0.75"	2m	<60V	≥1.3*PUMP POWER
3DSS1.2-56-24-120	24V	30V-48V	120W	1.2m³/h	56m	0.75"	2m	<60V	≥1.3*PUMP POWER
3DSS1.2-77-36-210	36V	30V-48V	210W	1.2m³/h	77m	0.75"	2m	<60V	≥1.3*PUMP POWER
3DSS1.7-109-48-500	48V	60V-90V	500W	1.7m³/h	109m	0.75"	2m	<110V	≥1.3*PUMP POWER
3DSS2-150-48-750	48V	60V-90V	750W	2m³/h	150m	0.75"	2m	<110V	≥1.3*PUMP POWER
3DSS2-150-72-750	72V	90V-120V	750W	2m³/h	150m	0.75"	2m	<170V	≥1.3*PUMP POWER
3DSS2.2-180-72-1100	72V	90V-120V	1100W	2.2m³/h	180m	0.75"	2m	<170V	≥1.3*PUMP POWER
4DSS2.6-70-48-500	48V	60V-90V	500W	2.6m³/h	70m	1"	2m	<110V	≥1.3*PUMP POWER
4DSS2.6-103-48-600	48V	60V-90V	600W	2.6m³/h	103m	1"	2m	<110V	≥1.3*PUMP POWER
4DSS3.7-112-72-750	72V	90V-120V	750W	3.7m³/h	112m	1"	2m	<170V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES

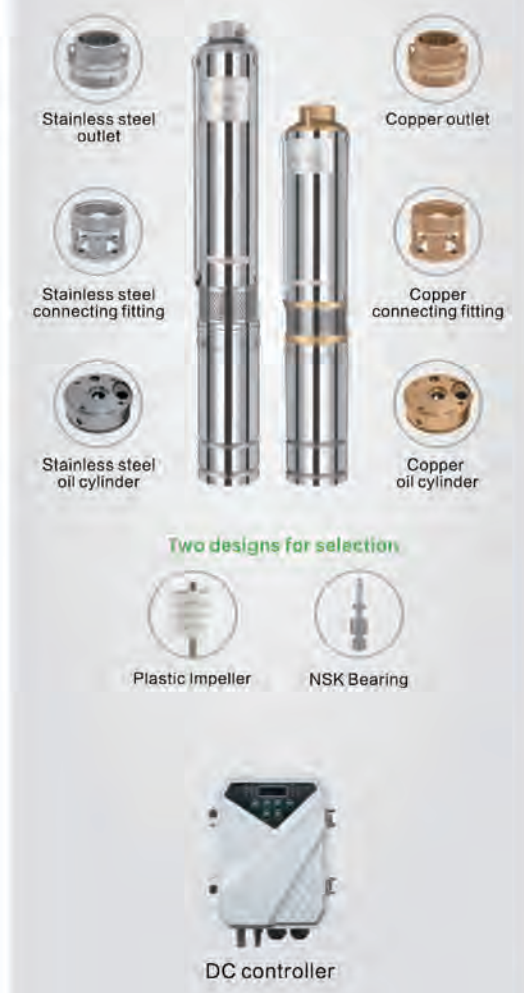


FREE SPARE PARTS



3DPC

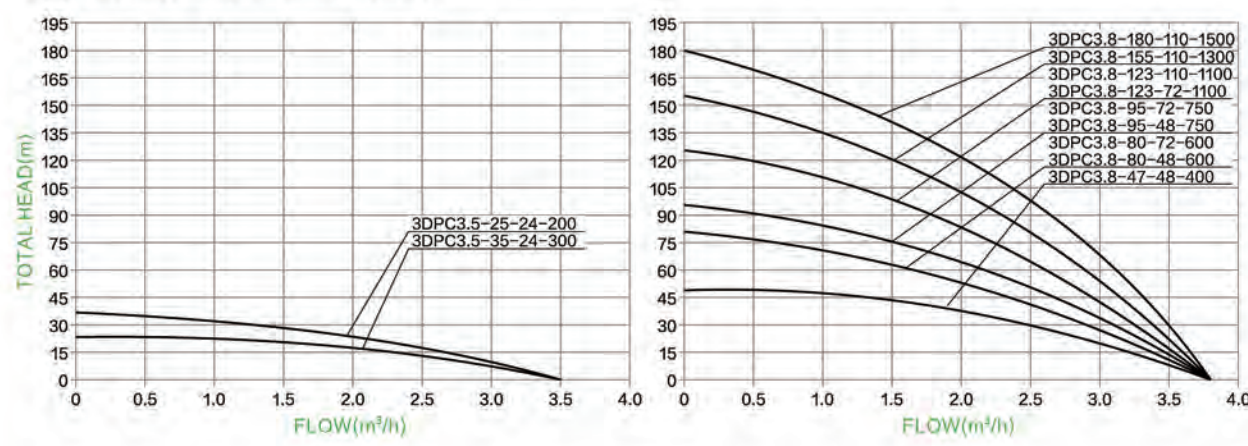
3"DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3DPC3.5-25-24-200	24V	30V-48V	200W	3.5m³/h	25m	1.25"	2m	<60V	≥1.3*PUMP POWER
3DPC3.5-35-24-300	24V	30V-48V	300W	3.5m³/h	35m	1.25"	2m	<60V	≥1.3*PUMP POWER
3DPC3.8-47-48-400	48V	60V-90V	400W	3.8m³/h	47m	1.25"	2m	<110V	≥1.3*PUMP POWER
3DPC3.8-80-48-600	48V	60V-90V	600W	3.8m³/h	80m	1.25"	2m	<110V	≥1.3*PUMP POWER
3DPC3.8-80-72-600	72V	90V-120V	600W	3.8m³/h	80m	1.25"	2m	<170V	≥1.3*PUMP POWER
3DPC3.8-95-48-750	48V	60V-90V	750W	3.8m³/h	95m	1.25"	2m	<110V	≥1.3*PUMP POWER
3DPC3.8-95-72-750	72V	90V-120V	750W	3.8m³/h	95m	1.25"	2m	<170V	≥1.3*PUMP POWER
3DPC3.8-123-72-1100	72V	90V-120V	1100W	3.8m³/h	123m	1.25"	2m	<170V	≥1.3*PUMP POWER
3DPC3.8-123-110-1100	110V	110V-150V	1100W	3.8m³/h	123m	1.25"	2m	<220V	≥1.3*PUMP POWER
3DPC3.8-155-110-1300	110V	110V-150V	1300W	3.8m³/h	155m	1.25"	2m	<220V	≥1.3*PUMP POWER
3DPC3.8-180-110-1500	110V	110V-150V	1500W	3.8m³/h	180m	1.25"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



3DPC

3" DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

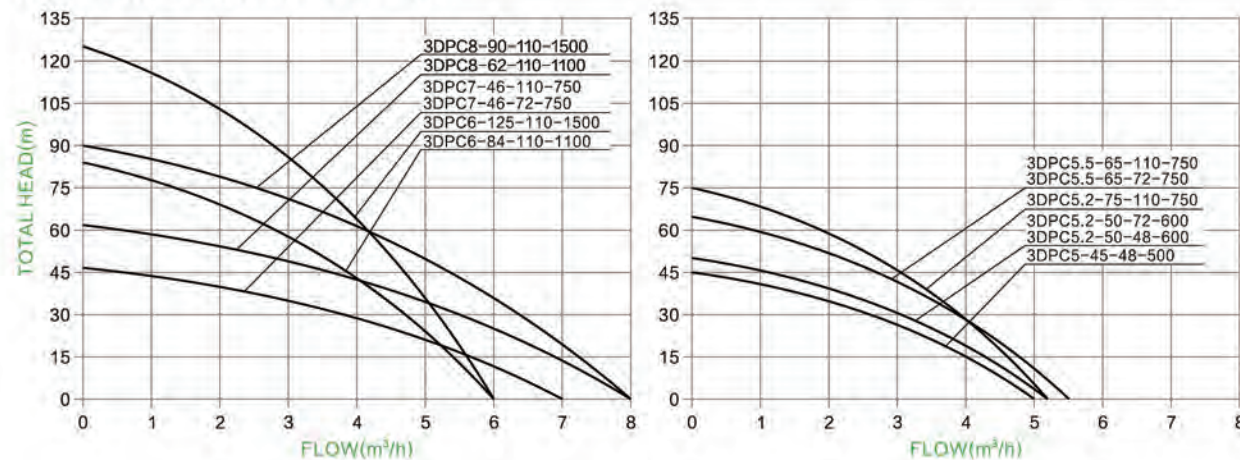


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
3DPC5-45-48-500	48V	60V-90V	500W	5m³/h	45m	1.5"	2m	<110V	≥1.3*PUMP POWER
3DPC5.2-50-48-600	48V	60V-90V	600W	5.2m³/h	50m	1.5"	2m	<110V	≥1.3*PUMP POWER
3DPC5.2-50-72-600	72V	90V-120V	600W	5.2m³/h	50m	1.5"	2m	<170V	≥1.3*PUMP POWER
3DPC5.2-75-110-750	110V	110V-150V	750W	5.2m³/h	75m	1.5"	2m	<220V	≥1.3*PUMP POWER
3DPC5.5-65-72-750	72V	90V-120V	750W	5.5m³/h	65m	1.5"	2m	<170V	≥1.3*PUMP POWER
3DPC5.5-65-110-750	110V	110V-150V	750W	5.5m³/h	65m	1.5"	2m	<220V	≥1.3*PUMP POWER
3DPC6-84-110-1100	110V	110V-150V	1100W	6m³/h	84m	1.5"	2m	<220V	≥1.3*PUMP POWER
3DPC6-125-110-1500	110V	110V-150V	1500W	6m³/h	125m	1.5"	2m	<220V	≥1.3*PUMP POWER
3DPC7-46-72-750	72V	90V-120V	750W	7m³/h	46m	1.5"	2m	<170V	≥1.3*PUMP POWER
3DPC7-46-110-750	110V	110V-150V	750W	7m³/h	46m	1.5"	2m	<220V	≥1.3*PUMP POWER
3DPC8-62-110-1100	110V	110V-150V	1100W	8m³/h	62m	1.5"	2m	<220V	≥1.3*PUMP POWER
3DPC8-90-110-1500	110V	110V-150V	1500W	8m³/h	90m	1.5"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES

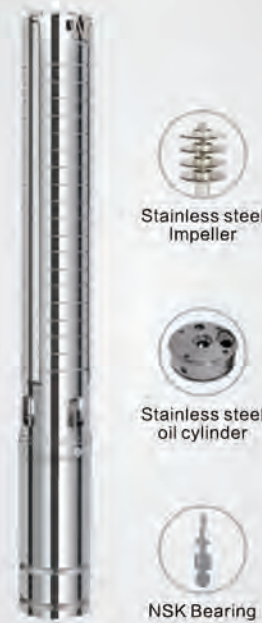


FREE SPARE PARTS



3DSC

3" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

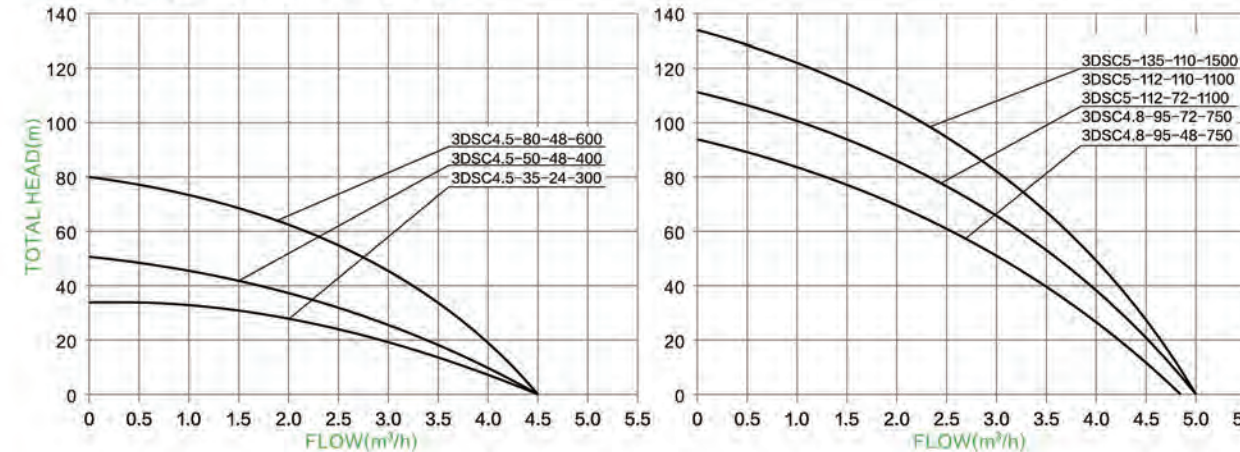


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
3DSC4.5-35-24-300	24V	30V-48V	300W	4.5m³/h	35m	1.25"	2m	<60V	≥1.3*PUMP POWER
3DSC4.5-50-48-400	48V	60V-90V	400W	4.5m³/h	50m	1.25"	2m	<110V	≥1.3*PUMP POWER
3DSC4.5-80-48-600	48V	60V-90V	600W	4.5m³/h	80m	1.25"	2m	<110V	≥1.3*PUMP POWER
3DSC4.8-95-48-750	48V	60V-90V	750W	4.8m³/h	95m	1.25"	2m	<110V	≥1.3*PUMP POWER
3DSC4.8-95-72-750	72V	90V-120V	750W	4.8m³/h	95m	1.25"	2m	<170V	≥1.3*PUMP POWER
3DSC5-112-72-1100	72V	90V-120V	1100W	5m³/h	112m	1.25"	2m	<170V	≥1.3*PUMP POWER
3DSC5-112-110-1100	110V	110V-150V	1100W	5m³/h	112m	1.25"	2m	<220V	≥1.3*PUMP POWER
3DSC5-135-110-1500	110V	110V-150V	1500W	5m³/h	135m	1.25"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DPC

4" DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



Two designs for selection

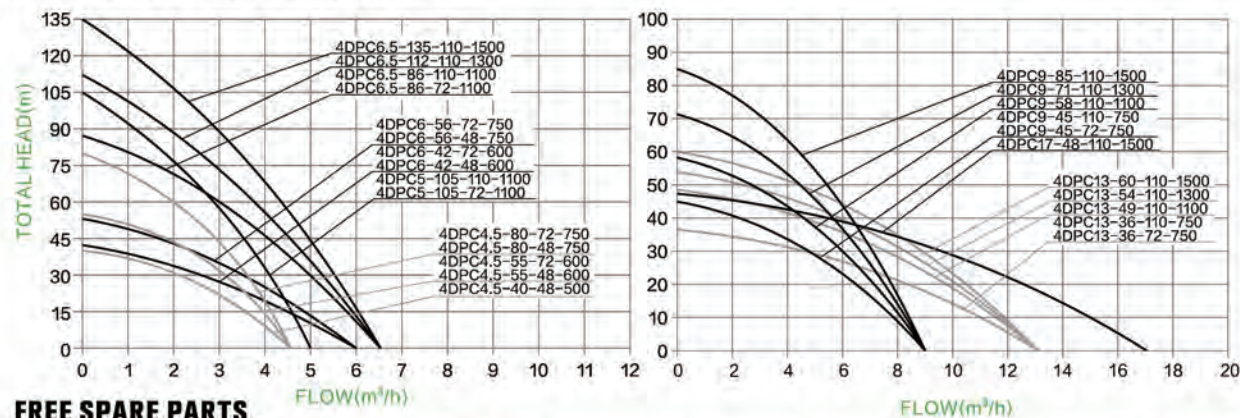


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4DPC4.5-40-48-500	48V	60V-90V	500W	4.5m³/h	40m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DPC4.5-55-48-600	48V	60V-90V	600W	4.5m³/h	55m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DPC4.5-55-72-600	72V	90V-120V	600W	4.5m³/h	55m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DPC4.5-80-48-750	48V	60V-90V	750W	4.5m³/h	80m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DPC4.5-80-72-750	72V	90V-120V	750W	4.5m³/h	80m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DPC5-105-72-1100	72V	90V-120V	1100W	5m³/h	105m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DPC5-105-110-1100	110V	110V-150V	1100W	5m³/h	105m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DPC6-42-48-600	48V	60V-90V	600W	6m³/h	42m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DPC6-42-72-600	72V	90V-120V	600W	6m³/h	42m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DPC6-56-48-750	48V	60V-90V	750W	6m³/h	56m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DPC6-56-72-750	72V	90V-120V	750W	6m³/h	56m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DPC6.5-86-72-1100	72V	90V-120V	1100W	6.5m³/h	86m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DPC6.5-86-110-1100	110V	110V-150V	1100W	6.5m³/h	86m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DPC6.5-112-110-1300	110V	110V-150V	1300W	6.5m³/h	112m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DPC6.5-135-110-1500	110V	110V-150V	1500W	6.5m³/h	135m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DPC9-45-72-750	72V	90V-120V	750W	9m³/h	45m	2"	2m	<170V	≥1.3*PUMP POWER
4DPC9-45-110-750	110V	110V-150V	750W	9m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC9-58-110-1100	110V	110V-150V	1100W	9m³/h	58m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC9-71-110-1300	110V	110V-150V	1300W	9m³/h	71m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC9-85-110-1500	110V	110V-150V	1500W	9m³/h	85m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC13-36-72-750	72V	90V-120V	750W	13m³/h	36m	2"	2m	<170V	≥1.3*PUMP POWER
4DPC13-36-110-750	110V	110V-150V	750W	13m³/h	36m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC13-49-110-1100	110V	110V-150V	1100W	13m³/h	49m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC13-54-110-1300	110V	110V-150V	1300W	13m³/h	54m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC13-60-110-1500	110V	110V-150V	1500W	13m³/h	60m	2"	2m	<220V	≥1.3*PUMP POWER
4DPC17-48-110-1500	110V	110V-150V	1500W	17m³/h	48m	2"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DLR

4" DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



Two designs for selection

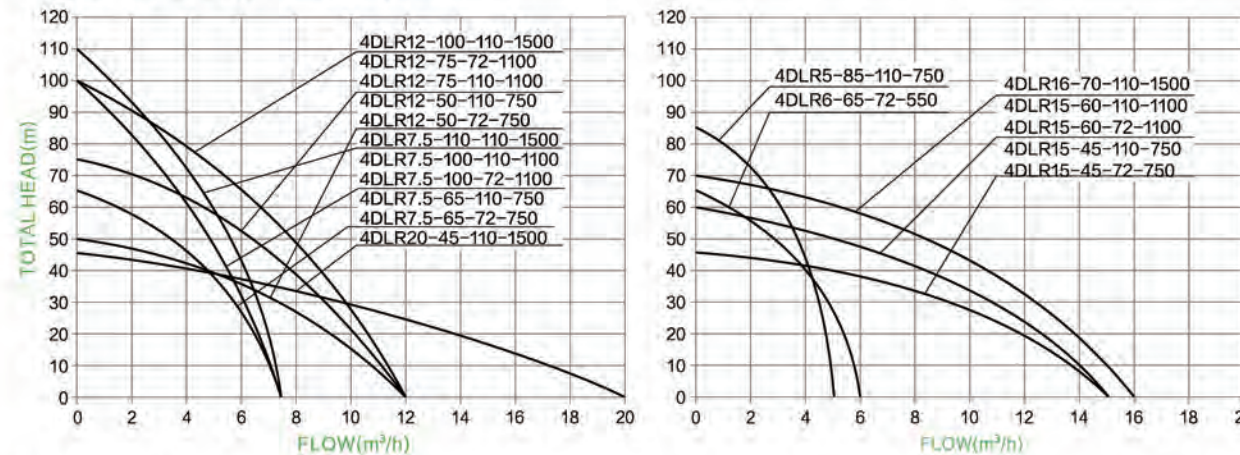


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4DLR5-85-110-750	110V	110V-150V	750W	5m³/h	85m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DLR6-65-72-550	72V	90V-120V	550W	6m³/h	65m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DLR7.5-65-72-750	72V	90V-120V	750W	7.5m³/h	65m	2"	2m	<170V	≥1.3*PUMP POWER
4DLR7.5-65-110-750	110V	110V-150V	750W	7.5m³/h	65m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR7.5-100-72-1100	72V	90V-120V	1100W	7.5m³/h	100m	2"	2m	<170V	≥1.3*PUMP POWER
4DLR7.5-100-110-1100	110V	110V-150V	1100W	7.5m³/h	100m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR7.5-110-110-1500	110V	110V-150V	1500W	7.5m³/h	110m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR12-50-72-750	72V	90V-120V	750W	12m³/h	50m	2"	2m	<170V	≥1.3*PUMP POWER
4DLR12-50-110-750	110V	110V-150V	750W	12m³/h	50m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR12-75-72-1100	72V	90V-120V	1100W	12m³/h	75m	2"	2m	<170V	≥1.3*PUMP POWER
4DLR12-75-110-1100	110V	110V-150V	1100W	12m³/h	75m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR12-100-110-1500	110V	110V-150V	1500W	12m³/h	100m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR15-45-72-750	72V	90V-120V	750W	15m³/h	45m	2"	2m	<170V	≥1.3*PUMP POWER
4DLR15-45-110-750	110V	110V-150V	750W	15m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR15-60-72-1100	72V	90V-120V	1100W	15m³/h	60m	2"	2m	<170V	≥1.3*PUMP POWER
4DLR15-60-110-1100	110V	110V-150V	1100W	15m³/h	60m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR16-70-110-1500	110V	110V-150V	1500W	16m³/h	70m	2"	2m	<220V	≥1.3*PUMP POWER
4DLR20-45-110-1500	110V	110V-150V	1500W	20m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DSC

4" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

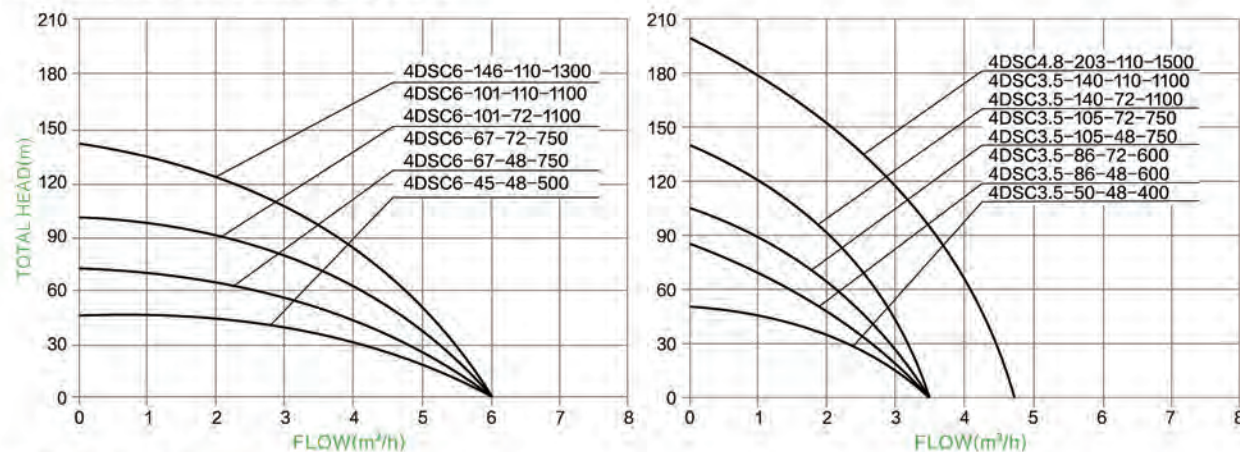


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4DSC3.5-50-48-400	48V	60V-90V	400W	3.5m³/h	50m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DSC3.5-86-48-600	48V	60V-90V	600W	3.5m³/h	86m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DSC3.5-86-72-600	72V	90V-120V	600W	3.5m³/h	86m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DSC3.5-105-48-750	48V	60V-90V	750W	3.5m³/h	105m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DSC3.5-105-72-750	72V	90V-120V	750W	3.5m³/h	105m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DSC3.5-140-72-1100	72V	90V-120V	1100W	3.5m³/h	140m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DSC3.5-140-110-1100	110V	110V-150V	1100W	3.5m³/h	140m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DSC4.8-203-110-1500	110V	110V-150V	1500W	4.8m³/h	203m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DSC6-45-48-500	48V	60V-90V	500W	6m³/h	45m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DSC6-67-48-750	48V	60V-90V	750W	6m³/h	67m	1.25"	2m	<110V	≥1.3*PUMP POWER
4DSC6-67-72-750	72V	90V-120V	750W	6m³/h	67m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DSC6-101-72-1100	72V	90V-120V	1100W	6m³/h	101m	1.25"	2m	<170V	≥1.3*PUMP POWER
4DSC6-101-110-1100	110V	110V-150V	1100W	6m³/h	101m	1.25"	2m	<220V	≥1.3*PUMP POWER
4DSC6-146-110-1300	110V	110V-150V	1300W	6m³/h	146m	1.25"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DSC/ 4/6DSC

4" /6" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

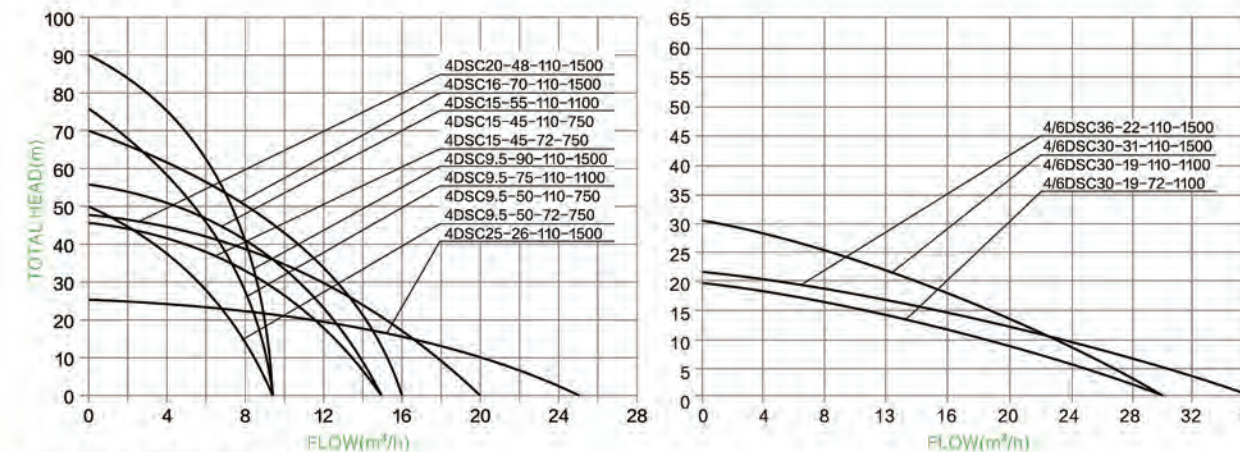


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4DSC9.5-50-72-750	72V	90V-120V	750W	9.5m³/h	50m	2"	2m	<170V	≥1.3*PUMP POWER
4DSC9.5-50-110-750	110V	110V-150V	750W	9.5m³/h	50m	2"	2m	<220V	≥1.3*PUMP POWER
4DSC9.5-75-110-1100	110V	110V-150V	1100W	9.5m³/h	75m	2"	2m	<220V	≥1.3*PUMP POWER
4DSC9.5-90-110-1500	110V	110V-150V	1500W	9.5m³/h	90m	2"	2m	<220V	≥1.3*PUMP POWER
4DSC15-45-72-750	72V	90V-120V	750W	15m³/h	45m	2"	2m	<170V	≥1.3*PUMP POWER
4DSC15-45-110-750	110V	110V-150V	750W	15m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER
4DSC15-55-110-1100	110V	110V-150V	1100W	15m³/h	55m	2"	2m	<220V	≥1.3*PUMP POWER
4DSC16-70-110-1500	110V	110V-150V	1500W	16m³/h	70m	2"	2m	<220V	≥1.3*PUMP POWER
4DSC20-48-110-1500	110V	110V-150V	1500W	20m³/h	48m	2"	2m	<220V	≥1.3*PUMP POWER
4DSC25-26-110-1500	110V	110V-150V	1500W	25m³/h	26m	2"	2m	<220V	≥1.3*PUMP POWER
4/6DSC30-19-72-1100	72V	90V-120V	1100W	30m³/h	19m	3"	2m	<170V	≥1.3*PUMP POWER
4/6DSC30-19-110-1100	110V	110V-150V	1100W	30m³/h	19m	3"	2m	<220V	≥1.3*PUMP POWER
4/6DSC30-31-110-1500	110V	110V-150V	1500W	30m³/h	31m	3"	2m	<220V	≥1.3*PUMP POWER
4/6DSC36-22-110-1500	110V	110V-150V	1500W	36m³/h	22m	3"	2m	<220V	≥1.3*PUMP POWER

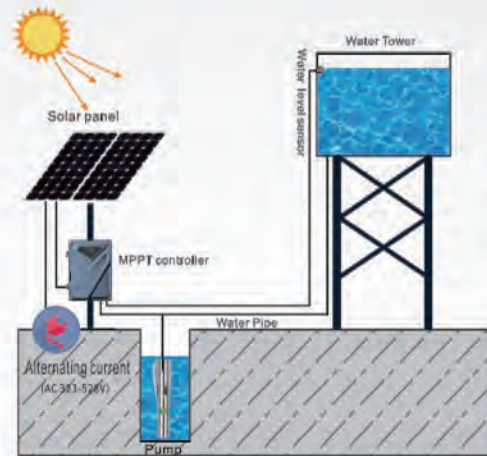
HYDRAULIC PERFORMANCE CURVES



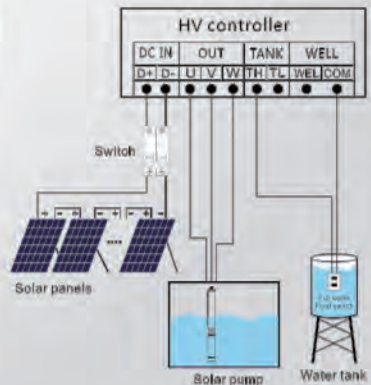
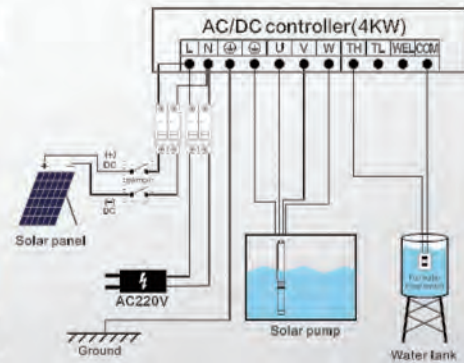
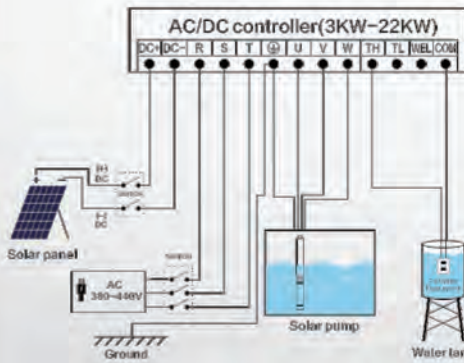
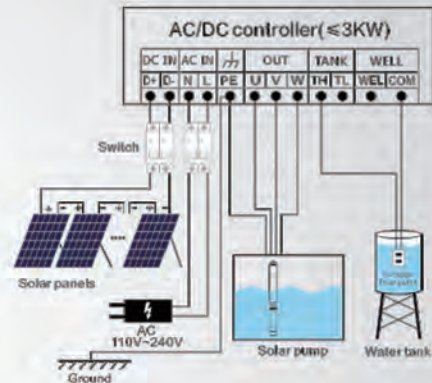
FREE SPARE PARTS



AC/DC HYBRID & WIDE VOLTAGE SUBMERSIBLE PUMP



AC/DC EXTERNAL CONTROLLER TYPE



3DPC-A/D 3DPC-HV

3"AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



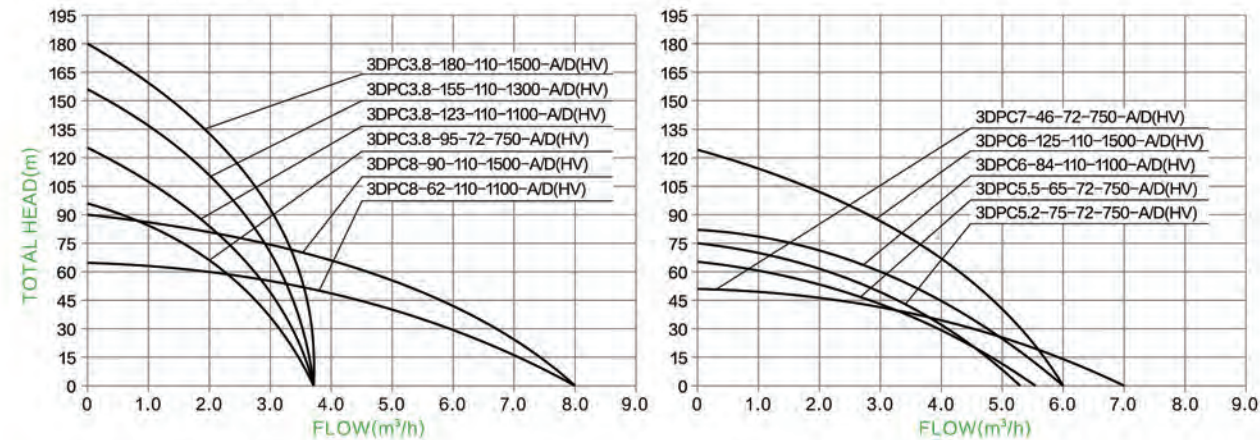
Two designs for selection



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3DPC3.8-95-72-750-A/D(HV)	85V-280V(I)	100-350V	750W	3.8m³/h	95m	1.25"	2m	<430V	≥1.3*PUMP POWER
3DPC3.8-123-110-1100-A/D(HV)	85V-280V(I)	110-350V	1100W	3.8m³/h	123m	1.25"	2m	<430V	≥1.3*PUMP POWER
3DPC3.8-155-110-1300-A/D(HV)	85V-280V(I)	110-350V	1300W	3.8m³/h	155m	1.25"	2m	<430V	≥1.3*PUMP POWER
3DPC3.8-180-110-1500-A/D(HV)	85V-280V(I)	110-350V	1500W	3.8m³/h	180m	1.25"	2m	<430V	≥1.3*PUMP POWER
3DPC5.2-75-72-750-A/D(HV)	85V-280V(I)	100-350V	750W	5.2m³/h	75m	1.5"	2m	<430V	≥1.3*PUMP POWER
3DPC5.5-65-72-750-A/D(HV)	85V-280V(I)	100-350V	750W	5.5m³/h	65m	1.5"	2m	<430V	≥1.3*PUMP POWER
3DPC6-84-110-1100-A/D(HV)	85V-280V(I)	110-350V	1100W	6m³/h	84m	1.5"	2m	<430V	≥1.3*PUMP POWER
3DPC6-125-110-1500-A/D(HV)	85V-280V(I)	110-350V	1500W	6m³/h	125m	1.5"	2m	<430V	≥1.3*PUMP POWER
3DPC7-46-72-750-A/D(HV)	85V-280V(I)	100-350V	750W	7m³/h	46m	1.5"	2m	<430V	≥1.3*PUMP POWER
3DPC8-62-110-1100-A/D(HV)	85V-280V(I)	110-350V	1100W	8m³/h	62m	1.5"	2m	<430V	≥1.3*PUMP POWER
3DPC8-90-110-1500-A/D(HV)	85V-280V(I)	110-350V	1500W	8m³/h	90m	1.5"	2m	<430V	≥1.3*PUMP POWER

PERFORMANCE CURVES



FREE SPARE PARTS



3DSS-A/D
3" AC/DC BRUSHLESS SCREW SOLAR PUMP
3DSC-A/D(HV)
3" AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR
PUMP WITH S/S IMPELLER

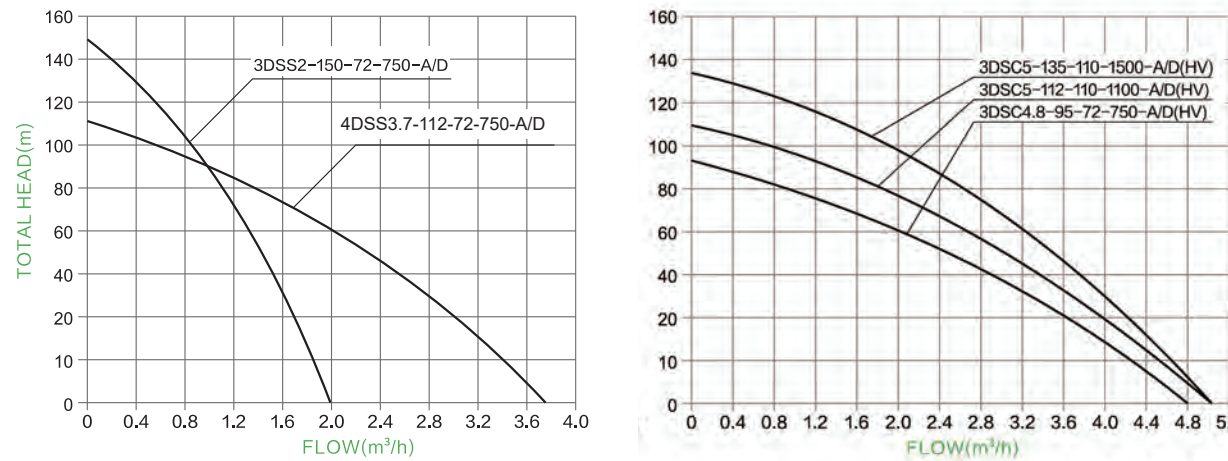


TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
3DSS2-150-72-750-A/D	85V-280V	100V-350V	750W	2m³/h	150m	0.75"	2m	< 430V	≥ 1.3*PUMP POWER
4DSS3.7-112-72-750-A/D	85V-280V	100V-350V	750W	3.7m³/h	112m	1"	2m	< 430V	≥ 1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
3DSC4.8-95-72-750-A/D (HV)	85V-280V(I)	100V-350V	750W	4.8m³/h	95m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
3DSC5-112-110-1100-A/D (HV)	85V-280V(I)	110V-350V	1100W	5m³/h	112m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
3DSC5-135-110-1500-A/D (HV)	85V-280V(I)	110V-350V	1500W	5m³/h	135m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER

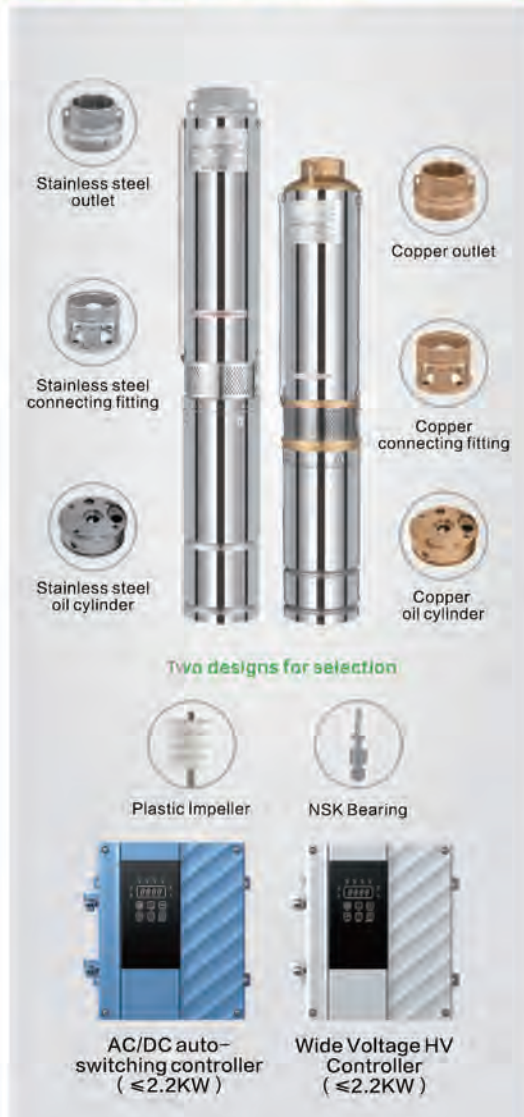
HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



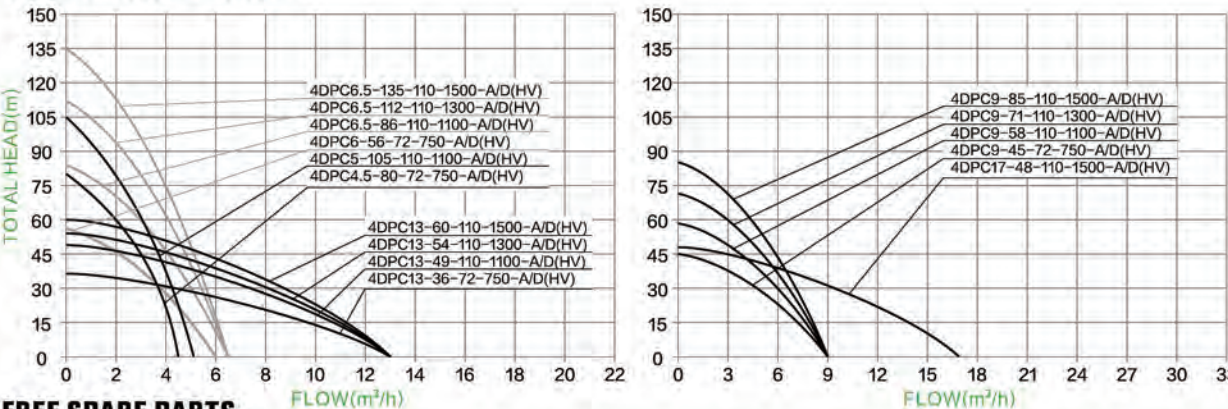
4DPC-A/D
4DPC-HV
4" AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR
PUMP WITH PLASTIC IMPELLER



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4DPC4.5-80-72-750-A/D (HV)	85V-280V(I)	100-350V	750W	4.5m³/h	80m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC5-105-110-1100-A/D (HV)	85V-280V(I)	110-350V	1100W	5m³/h	105m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC6-56-72-750-A/D (HV)	85V-280V(I)	100-350V	750W	6m³/h	56m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC6.5-86-110-1100-A/D (HV)	85V-280V(I)	110-350V	1100W	6.5m³/h	86m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC6.5-112-110-1300-A/D (HV)	85V-280V(I)	110-350V	1300W	6.5m³/h	112m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC6.5-135-110-1500-A/D (HV)	85V-280V(I)	110-350V	1500W	6.5m³/h	135m	1.25"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC9-45-72-750-A/D (HV)	85V-280V(I)	100-350V	750W	9m³/h	45m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC9-58-110-1100-A/D (HV)	85V-280V(I)	110-350V	1100W	9m³/h	58m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC9-71-110-1300-A/D (HV)	85V-280V(I)	110-350V	1300W	9m³/h	71m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC9-85-110-1500-A/D (HV)	85V-280V(I)	110-350V	1500W	9m³/h	85m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC13-36-72-750-A/D (HV)	85V-280V(I)	100-350V	750W	13m³/h	36m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC13-49-110-1100-A/D (HV)	85V-280V(I)	110-350V	1100W	13m³/h	49m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC13-54-110-1300-A/D (HV)	85V-280V(I)	110-350V	1300W	13m³/h	54m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC13-60-110-1500-A/D (HV)	85V-280V(I)	110-350V	1500W	13m³/h	60m	2"	2m	< 430V	≥ 1.3*PUMP POWER
4DPC17-48-110-1500-A/D (HV)	85V-280V(I)	110-350V	1500W	17m³/h	48m	2"	2m	< 430V	≥ 1.3*PUMP POWER

PERFORMANCE CURVES



FREE SPARE PARTS



4DLR-A/D 4DLR-HV

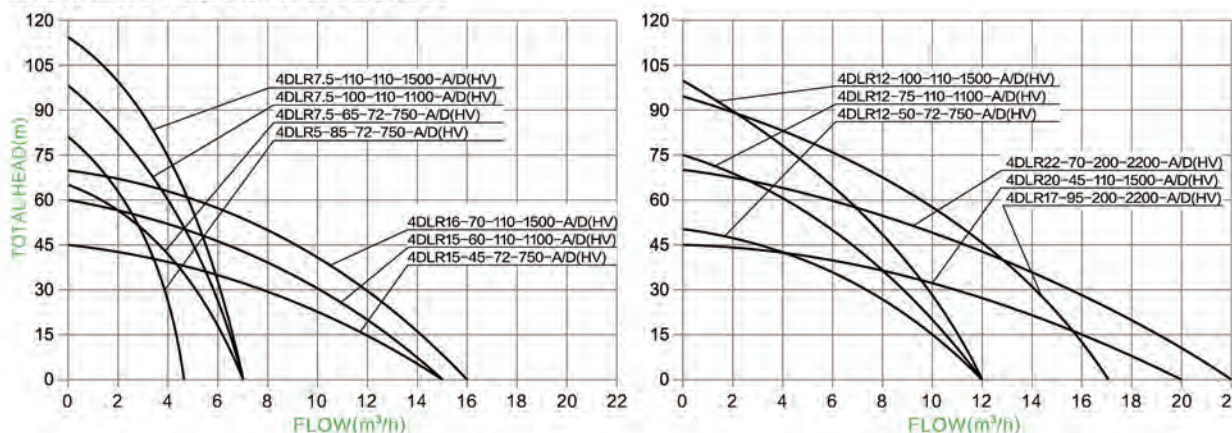
4"AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DLR5-85-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	5m³/h	85m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DLR7.5-65-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	7.5m³/h	65m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR7.5-100-110-1100-A/D(HV)	85V-280V(I)	110V-350V	1100W	7.5m³/h	100m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR7.5-110-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	7.5m³/h	110m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR12-50-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	12m³/h	50m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR12-75-110-1100-A/D(HV)	85V-280V(I)	110V-350V	1100W	12m³/h	75m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR12-100-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	12m³/h	100m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR15-45-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	15m³/h	45m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR15-60-110-1100-A/D(HV)	85V-280V(I)	110V-350V	1100W	15m³/h	60m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR16-70-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	16m³/h	70m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR17-95-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	17m³/h	95m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR20-45-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	20m³/h	45m	2"	2m	<430V	≥1.3*PUMP POWER
4DLR22-70-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	22m³/h	70m	2"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES

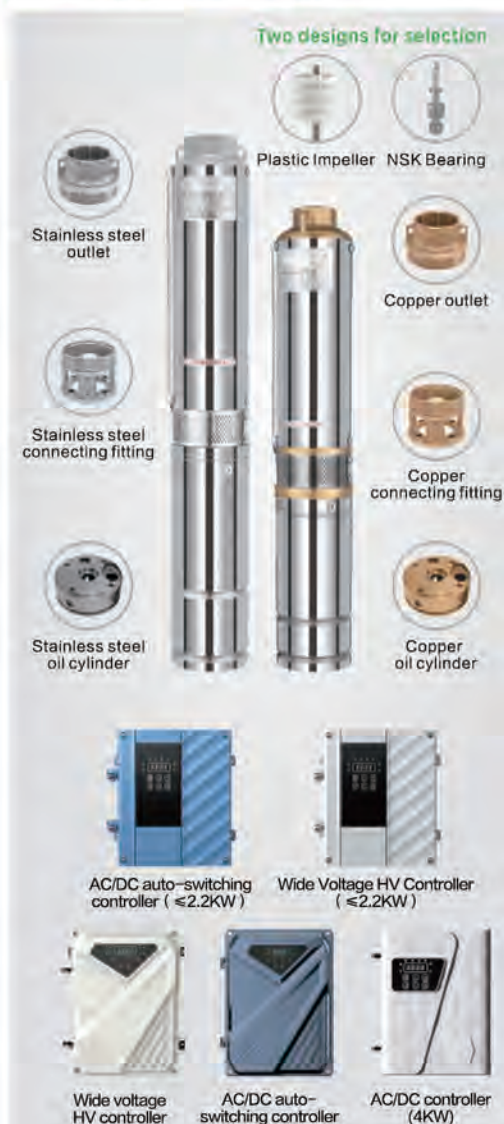


FREE SPARE PARTS



4DPC-A/D 4DPC-HV

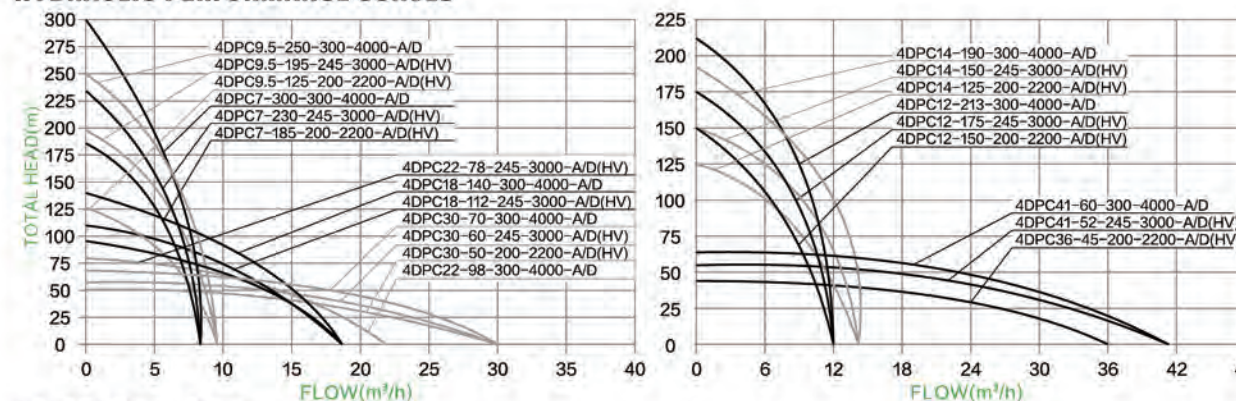
4"AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DPC7-185-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	7m³/h	185m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DPC7-230-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	7m³/h	230m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DPC7-300-300-4000-A/D	85V-280V	300V-350V	4000W	7m³/h	300m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DPC9.5-125-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	9.5m³/h	125m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC9.5-195-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	9.5m³/h	195m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC9.5-250-300-4000-A/D	85V-280V	300V-350V	4000W	9.5m³/h	250m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC12-150-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	12m³/h	150m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC12-175-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	12m³/h	175m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC12-213-300-4000-A/D	85V-280V	300V-350V	4000W	12m³/h	213m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC14-125-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	14m³/h	125m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC14-150-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	14m³/h	150m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC14-190-300-4000-A/D	85V-280V	300V-350V	4000W	14m³/h	190m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC18-112-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	18m³/h	112m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC18-140-300-4000-A/D	85V-280V	300V-350V	4000W	18m³/h	140m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC22-78-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	22m³/h	78m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC22-98-300-4000-A/D	85V-280V	300V-350V	4000W	22m³/h	98m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC30-50-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	30m³/h	50m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC30-60-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	30m³/h	60m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC30-70-300-4000-A/D	85V-280V	300V-350V	4000W	30m³/h	70m	2"	2m	<430V	≥1.3*PUMP POWER
4DPC36-45-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	36m³/h	45m	3"	2m	<430V	≥1.3*PUMP POWER
4DPC41-52-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	41m³/h	52m	3"	2m	<430V	≥1.3*PUMP POWER
4DPC41-60-300-4000-A/D	85V-280V	300V-350V	4000W	41m³/h	60m	3"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DSC-A/D(HV) 4/6DSC-A/D(HV)

4"AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR
PUMP WITH S/S IMPELLER



AC/DC auto-switching controller
(≤2.2KW)

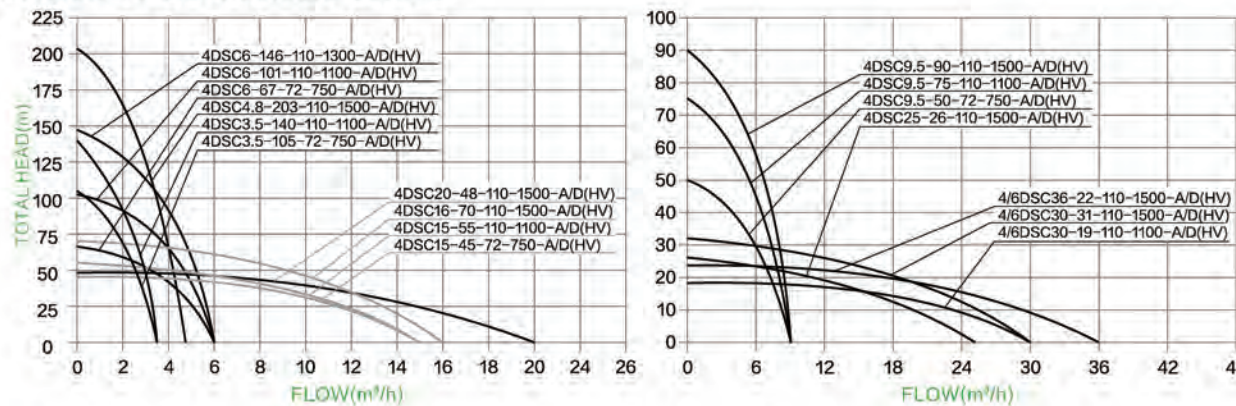


Wide Voltage HV Controller
(≤2.2KW)

TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DSC3.5-105-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	3.5m³/h	105m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC3.5-140-110-1100-A/D(HV)	85V-280V(I)	110V-350V	750W	3.5m³/h	140m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC4.8-203-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	4.8m³/h	203m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC6-67-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	6m³/h	67m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC6-101-110-1100-A/D(HV)	85V-280V(I)	110V-350V	1100W	6m³/h	101m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC6-146-110-1300-A/D(HV)	85V-280V(I)	110V-350V	1300W	6m³/h	146m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC9.5-50-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	9.5m³/h	50m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC9.5-75-110-1100-A/D(HV)	85V-280V(I)	110V-350V	1100W	9.5m³/h	75m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC9.5-90-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	9.5m³/h	90m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC15-45-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	15m³/h	45m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC15-55-110-1100-A/D(HV)	85V-280V(I)	110V-350V	1100W	15m³/h	55m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC16-70-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	16m³/h	70m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC20-48-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	20m³/h	48m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC25-26-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	25m³/h	26m	2"	2m	<430V	≥1.3*PUMP POWER
4/6DSC30-19-110-1100-A/D(HV)	85V-280V(I)	110V-350V	1100W	30m³/h	19m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC30-31-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	30m³/h	31m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC36-22-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	36m³/h	22m	3"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DSC-A/D(HV) 4/6DSC-A/D(HV)

4"AC/DC & WIDE VOLTAGE BRUSHLESS SOLAR
PUMP WITH S/S IMPELLER



AC/DC auto-switching controller (≤2.2KW)



Wide Voltage HV Controller (≤2.2KW)



Wide voltage HV controller (3KW)



AC/DC auto-switching controller (3KW-4KW)

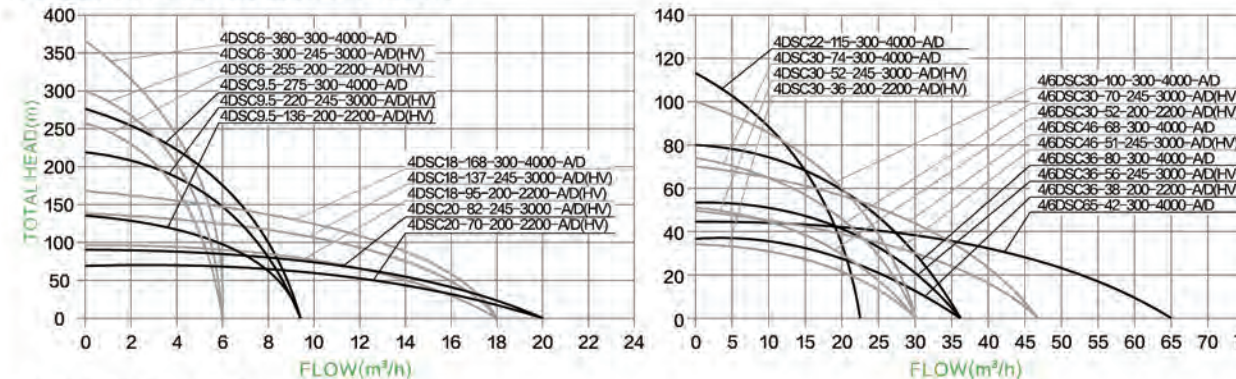


AC/DC controller (4KW)

TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DSC6-255-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	6m³/h	255m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC6-300-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	6m³/h	300m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC6-360-300-4000-A/D	85V-280V	300V-350V	4000W	6m³/h	360m	1.25"	2m	<430V	≥1.3*PUMP POWER
4DSC9.5-136-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	9.5m³/h	136m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC9.5-220-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	9.5m³/h	220m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC9.5-275-300-4000-A/D	85V-280V	300V-350V	4000W	9.5m³/h	275m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC18-95-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	18m³/h	95m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC18-137-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	18m³/h	137m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC18-168-300-4000-A/D	85V-280V	300V-350V	4000W	18m³/h	168m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC20-70-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	20m³/h	70m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC20-82-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	20m³/h	82m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC22-115-300-4000-A/D	85V-280V	300V-350V	4000W	22m³/h	115m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC30-36-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	30m³/h	36m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC30-52-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	30m³/h	52m	2"	2m	<430V	≥1.3*PUMP POWER
4DSC30-74-300-4000-A/D	85V-280V	300V-350V	4000W	30m³/h	74m	2"	2m	<430V	≥1.3*PUMP POWER
4/6DSC30-52-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	30m³/h	52m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC30-70-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	30m³/h	70m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC30-100-300-4000-A/D	85V-280V	300V-350V	4000W	30m³/h	100m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC36-38-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	36m³/h	38m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC36-56-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	36m³/h	56m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC36-80-300-4000-A/D	85V-280V	300V-350V	4000W	36m³/h	80m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC46-51-245-3000-A/D(HV)	85V-280V(I)	245V-350V	3000W	46m³/h	51m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC46-68-300-4000-A/D	85V-280V	300V-350V	4000W	46m³/h	68m	3"	2m	<430V	≥1.3*PUMP POWER
4/6DSC65-42-300-4000-A/D	85V-280V	300V-350V	4000W	65m³/h	42m	3"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DPC-A/D (3KW-7.5KW)

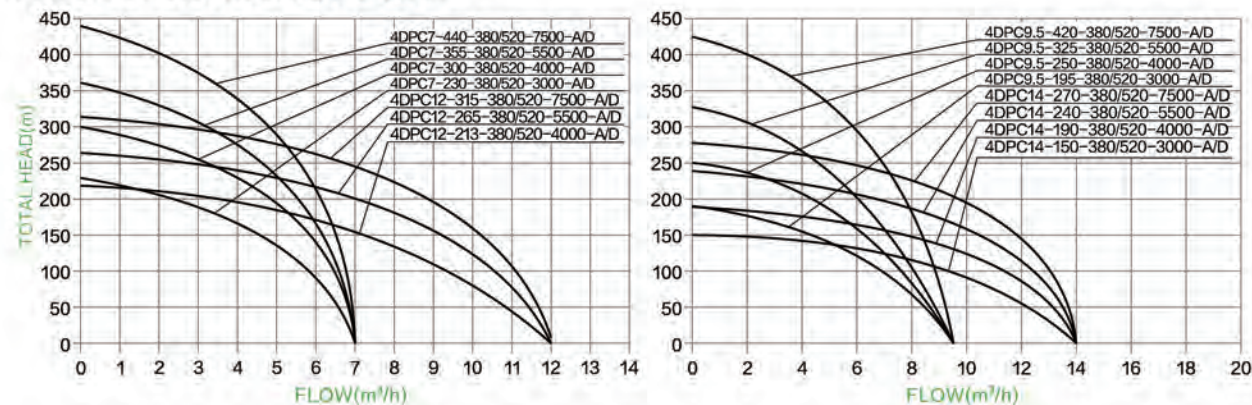
4"AC/DC BRUSHLESS SOLAR PUMP WITH
PLASTIC IMPELLER



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DPC7-230-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	7m³/h	230m	1.25"	2m	<780V	≥1.3*PUMP POWER
4DPC7-300-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	7m³/h	300m	1.25"	2m	<780V	≥1.3*PUMP POWER
4DPC7-355-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	7m³/h	355m	1.25"	2m	<780V	≥1.3*PUMP POWER
4DPC7-440-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	7m³/h	440m	1.25"	2m	<780V	≥1.3*PUMP POWER
4DPC9.5-195-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	9.5m³/h	195m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC9.5-250-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	9.5m³/h	250m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC9.5-325-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	9.5m³/h	325m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC9.5-420-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	9.5m³/h	420m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC12-213-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	12m³/h	213m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC12-265-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	12m³/h	265m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC12-315-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	12m³/h	315m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC14-150-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	14m³/h	150m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC14-190-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	14m³/h	190m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC14-240-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	14m³/h	240m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC14-270-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	14m³/h	270m	2"	2m	<780V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DPC-A/D (3KW-7.5KW)

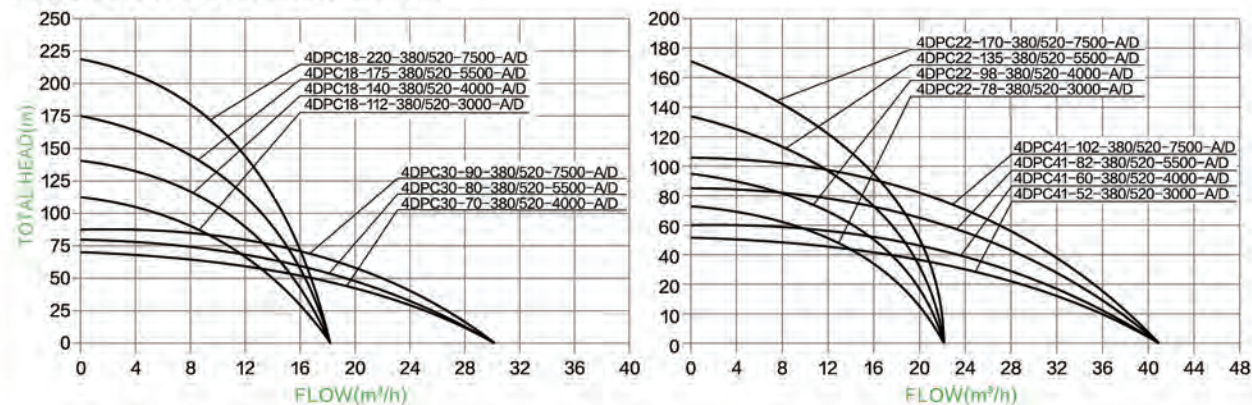
4"AC/DC BRUSHLESS SOLAR PUMP WITH
PLASTIC IMPELLER



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DPC18-112-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	18m³/h	112m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC18-140-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	18m³/h	140m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC18-175-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	18m³/h	175m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC18-220-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	18m³/h	220m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC22-78-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	22m³/h	78m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC22-98-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	22m³/h	98m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC22-135-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	22m³/h	135m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC22-170-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	22m³/h	170m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC30-70-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	30m³/h	70m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC30-80-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	30m³/h	80m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC30-90-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	30m³/h	90m	2"	2m	<780V	≥1.3*PUMP POWER
4DPC41-52-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	41m³/h	52m	3"	2m	<780V	≥1.3*PUMP POWER
4DPC41-60-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	41m³/h	60m	3"	2m	<780V	≥1.3*PUMP POWER
4DPC41-82-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	41m³/h	82m	3"	2m	<780V	≥1.3*PUMP POWER
4DPC41-102-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	41m³/h	102m	3"	2m	<780V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DSC-A/D

4"AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel impeller



Stainless steel oil cylinder



NSK Bearing



AC/DC auto-switching controller
(5.5KW-22KW)

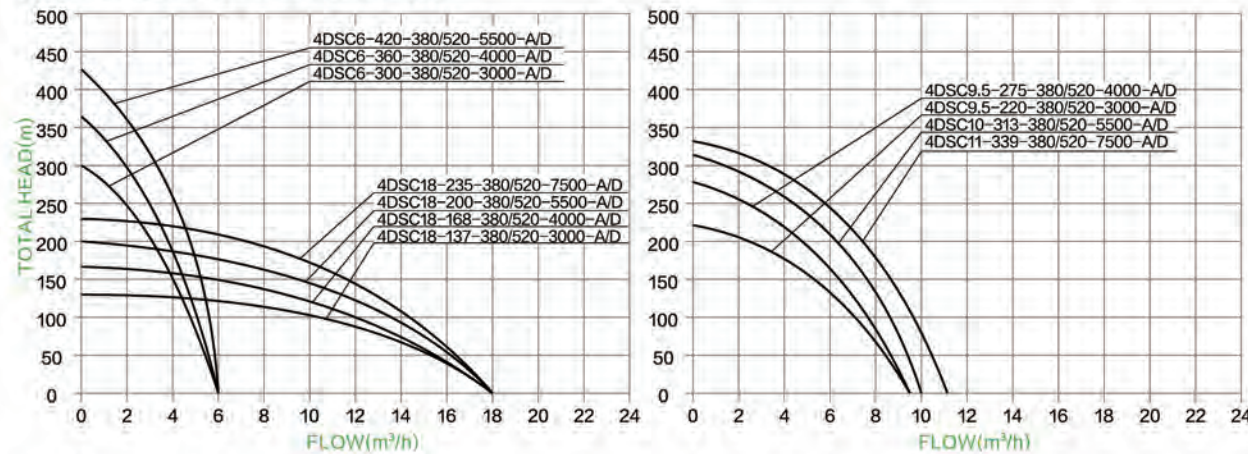


AC/DC auto-switching controller
(3KW-4KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4DSC6-300-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	6m³/h	300m	1.25"	2m	<780V	≥1.3*PUMP POWER
4DSC6-360-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	6m³/h	360m	1.25"	2m	<780V	≥1.3*PUMP POWER
4DSC6-420-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	6m³/h	420m	1.25"	2m	<780V	≥1.3*PUMP POWER
4DSC9.5-220-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	9.5m³/h	220m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC9.5-275-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	9.5m³/h	275m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC10-313-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	10m³/h	313m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC11-339-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	11m³/h	339m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC18-137-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	18m³/h	137m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC18-168-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	18m³/h	168m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC18-200-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	18m³/h	200m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC18-235-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	18m³/h	235m	2"	2m	<780V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4DSC-A/D

4"AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel impeller



Stainless steel oil cylinder



NSK Bearing



AC/DC auto-switching controller
(5.5KW-22KW)

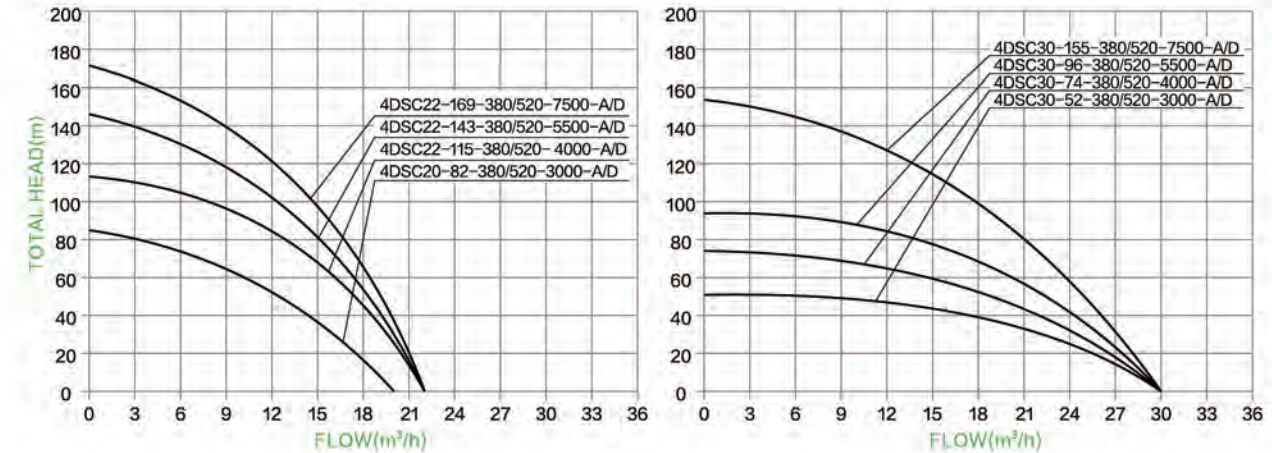


AC/DC auto-switching controller
(3KW-4KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4DSC20-82-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	20m³/h	82m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC22-115-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	22m³/h	115m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC22-143-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	22m³/h	143m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC22-169-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	22m³/h	169m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC30-52-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	30m³/h	52m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC30-74-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	30m³/h	74m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC30-96-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	30m³/h	96m	2"	2m	<780V	≥1.3*PUMP POWER
4DSC30-155-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	30m³/h	155m	2"	2m	<780V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



4/6DSC-A/D

6"AC/DC BRUSHLESS SOLAR PUMP WITH
S/S IMPELLER



Stainless steel
Impeller



Stainless steel
oil cylinder



NSK Bearing



AC/DC auto-
switching controller
(5.5KW-22KW)

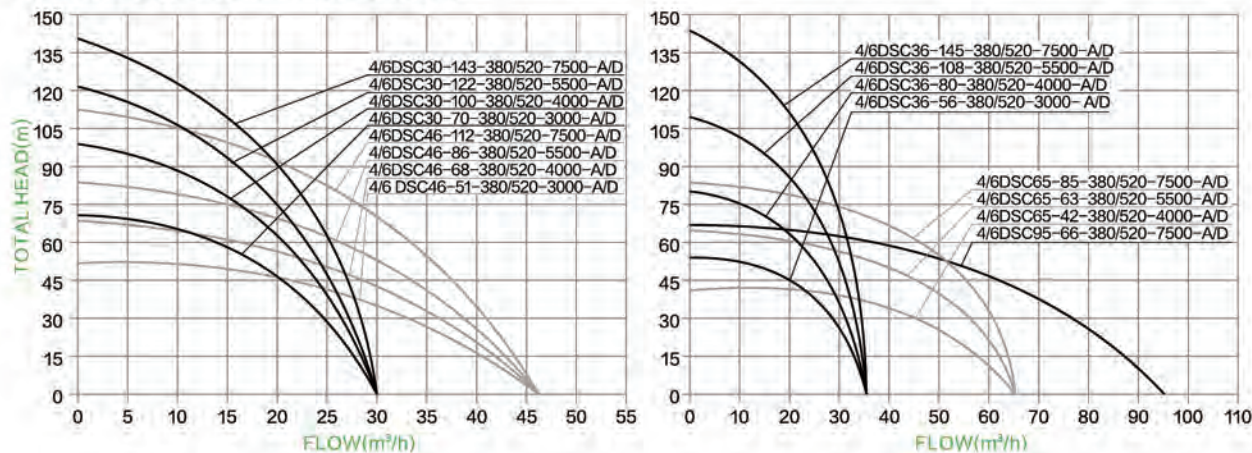


AC/DC auto-
switching controller
(3KW-4KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
4/6DSC30-70-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	30m³/h	70m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC30-100-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	30m³/h	100m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC30-122-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	30m³/h	122m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC30-143-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	30m³/h	143m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC36-56-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	36m³/h	56m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC36-80-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	36m³/h	80m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC36-108-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	36m³/h	108m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC36-145-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	36m³/h	145m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC46-51-380/520-3000-A/D	AC380/DC520V	520V-650V	3000W	46m³/h	51m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC46-68-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	46m³/h	68m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC46-86-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	46m³/h	86m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC46-112-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	46m³/h	112m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC65-42-380/520-4000-A/D	AC380/DC520V	520V-650V	4000W	65m³/h	42m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC65-63-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	65m³/h	63m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC65-85-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	65m³/h	85m	3"	2m	<780V	≥1.3*PUMP POWER
4/6DSC95-66-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	95m³/h	66m	4"	2m	<780V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



6DSC-A/D

6"AC/DC BRUSHLESS SOLAR PUMP WITH
S/S IMPELLER



Stainless steel
Impeller



Stainless steel
oil cylinder



NSK Bearing

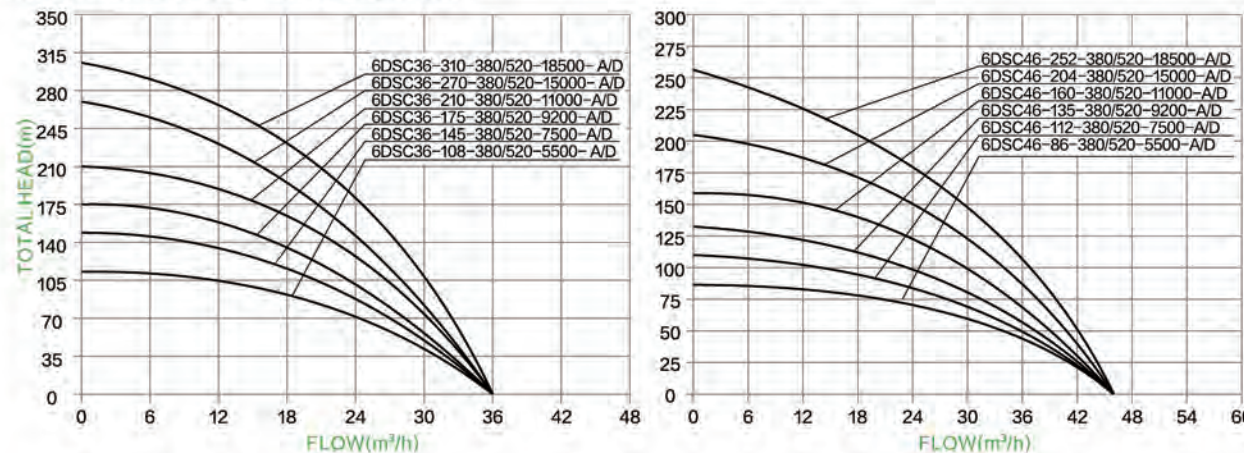


AC/DC auto-
switching controller
(5.5KW-22KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
6DSC36-108-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	36m³/h	108m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC36-145-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	36m³/h	145m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC36-175-380/520-9200-A/D	AC380/DC520V	520V-650V	9200W	36m³/h	175m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC36-210-380/520-11000-A/D	AC380/DC520V	520V-650V	11000W	36m³/h	210m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC36-270-380/520-15000-A/D	AC380/DC520V	520V-650V	15000W	36m³/h	270m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC36-310-380/520-18500-A/D	AC380/DC520V	520V-650V	18500W	36m³/h	310m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC46-86-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	46m³/h	86m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC46-112-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	46m³/h	112m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC46-135-380/520-9200-A/D	AC380/DC520V	520V-650V	9200W	46m³/h	135m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC46-160-380/520-11000-A/D	AC380/DC520V	520V-650V	11000W	46m³/h	160m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC46-204-380/520-15000-A/D	AC380/DC520V	520V-650V	15000W	46m³/h	204m	3"	2m	<780V	≥1.3*PUMP POWER
6DSC46-252-380/520-18500-A/D	AC380/DC520V	520V-650V	18500W	46m³/h	252m	3"	2m	<780V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



6" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel
Impeller



Stainless steel
oil cylinder



NSK Bearing



AC/DC auto-switching controller
(5.5KW-22KW)

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
6DSC65-63-380/520-5500-A/D	AC380/DC520V	520V-650V	5500W	65m³/h	63m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC65-85-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	65m³/h	85m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC65-100-380/520-9200-A/D	AC380/DC520V	520V-650V	9200W	65m³/h	100m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC65-120-380/520-11000-A/D	AC380/DC520V	520V-650V	11000W	65m³/h	120m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC65-160-380/520-15000-A/D	AC380/DC520V	520V-650V	15000W	65m³/h	160m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC65-200-380/520-18500-A/D	AC380/DC520V	520V-650V	18500W	65m³/h	200m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC95-66-380/520-7500-A/D	AC380/DC520V	520V-650V	7500W	95m³/h	66m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC95-88-380/520-11000-A/D	AC380/DC520V	520V-650V	11000W	95m³/h	88m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC95-126-380/520-15000-A/D	AC380/DC520V	520V-650V	15000W	95m³/h	126m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC95-153-380/520-18500-A/D	AC380/DC520V	520V-650V	18500W	95m³/h	153m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC95-180-380/520-22000-A/D	AC380/DC520V	520V-650V	22000W	95m³/h	180m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC130-75-380/520-15000-A/D	AC380/DC520V	520V-650V	15000W	130m³/h	75m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC130-105-380/520-18500-A/D	AC380/DC520V	520V-650V	18500W	130m³/h	105m	4"	2m	<780V	≥1.3*PUMP POWER
6DSC130-130-380/520-22000-A/D	AC380/DC520V	520V-650V	22000W	130m³/h	130m	4"	2m	<780V	≥1.3*PUMP POWER
6/8DSC150-37-380/520-11000-A/D	AC380/DC520V	520V-650V	11000W	150m³/h	37m	4"	2m	<780V	≥1.3*PUMP POWER
6/8DSC150-77-380/520-22000-A/D	AC380/DC520V	520V-650V	22000W	150m³/h	77m	4"	2m	<780V	≥1.3*PUMP POWER

Left Graph: 6DSC65 and 6/8DSC150 Performance

Y-axis: TOTAL HEAD(m) (0 to 200)
X-axis: FLOW(m³/h) (0 to 240)

Curves (from top to bottom):

- 6DSC65-200-380/520-18500-A/D
- 6DSC65-160-380/520-15000-A/D
- 6DSC65-120-380/520-11000-A/D
- 6DSC65-100-380/520-9200-A/D
- 6DSC65-85-380/520-7500-A/D
- 6DSC65-63-380/520-5500-A/D
- 6/8DSC150-77-380/520-22000-A/D
- 6/8DSC150-37-380/520-11000-A/D

Right Graph: 6DSC95, 6DSC130, and 6/8DSC150 Performance

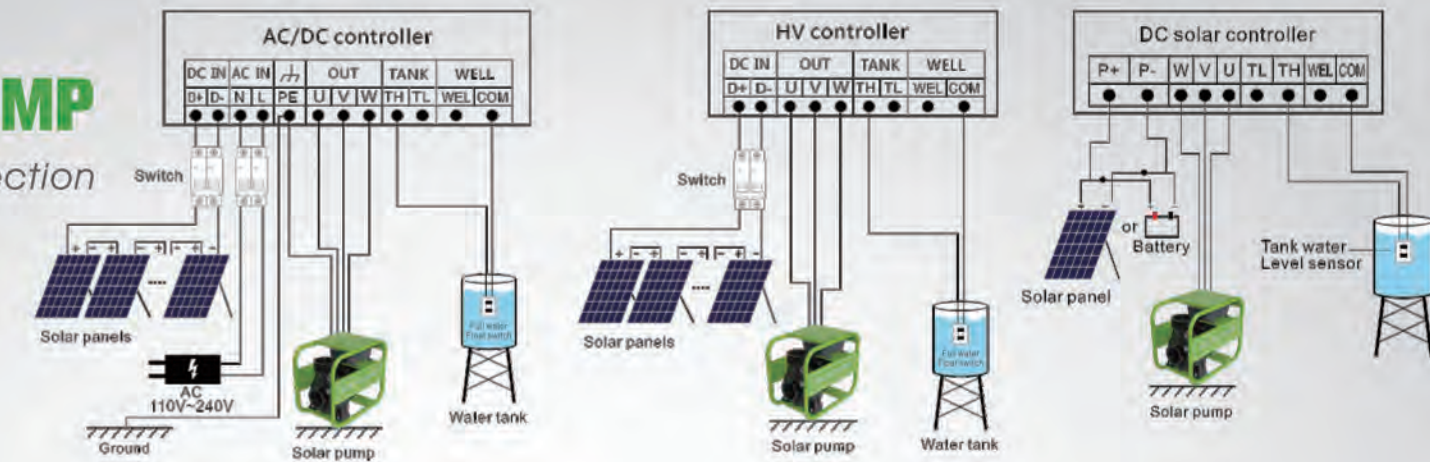
Y-axis: TOTAL HEAD(m) (0 to 200)
X-axis: FLOW(m³/h) (0 to 150)

Curves (from top to bottom):

- 6DSC95-180-380/520-22000-A/D
- 6DSC95-153-380/520-18500-A/D
- 6DSC95-126-380/520-15000-A/D
- 6DSC95-88-380/520-11000-A/D
- 6DSC95-66-380/520-7500-A/D
- 6DSC130-130-380/520-22000-A/D
- 6DSC130-105-380/520-18500-A/D
- 6DSC130-75-380/520-15000-A/D



Environmental protection
and energy saving



DCPM DCPM-A/D(HV)

DC&AC/DC & WIDE VOLTAGE BRUSHLESS
CENTRIFUGAL SOLAR PUMP



DC controller



AC/DC auto-switching controller
(≤2.2KW)



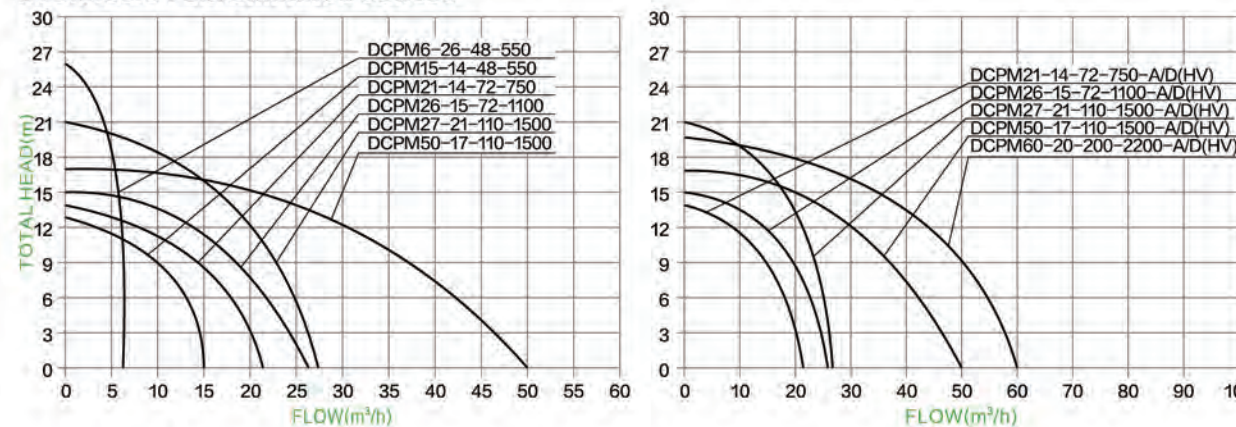
Wide Voltage HV
Controller
(≤2.2KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DCPM6-26-48-550	48V	60-90V	550W	6m³/h	26m	1"	0.6m	<110V	≥1.3*PUMP POWER
DCPM15-14-48-550	48V	60-90V	550W	15m³/h	14m	1.5"	0.6m	<110V	≥1.3*PUMP POWER
DCPM21-14-72-750	72V	90-120V	750W	21m³/h	14m	2"	0.6m	<170V	≥1.3*PUMP POWER
DCPM26-15-72-1100	72V	90-120V	1100W	26m³/h	15m	2"	0.6m	<170V	≥1.3*PUMP POWER
DCPM27-21-110-1500	110V	110-150V	1500W	27m³/h	21m	2"	0.6m	<220V	≥1.3*PUMP POWER
DCPM50-17-110-1500	110V	110-150V	1500W	50m³/h	17m	3"	0.6m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DCPM21-14-72-750-A/D(HV)	85V-280V(I)	100V-350V	750W	21m³/h	14m	2"	0.6m	<430V	≥1.3*PUMP POWER
DCPM26-15-72-1100-A/D(HV)	85V-280V(I)	100V-350V	1100W	26m³/h	15m	2"	0.6m	<430V	≥1.3*PUMP POWER
DCPM27-21-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	27m³/h	21m	2"	0.6m	<430V	≥1.3*PUMP POWER
DCPM50-17-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	50m³/h	17m	3"	0.6m	<430V	≥1.3*PUMP POWER
DCPM60-20-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	60m³/h	20m	4"	0.6m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



DQB/DQB-A/D DZB/DZB-A/D

DC AND AC/DC BRUSHLESS SURFACE
SOLAR PUMP



DQB



DZB



DC controller



AC/DC auto-switching controller
(≤2.2KW)

TECHNICAL DATA

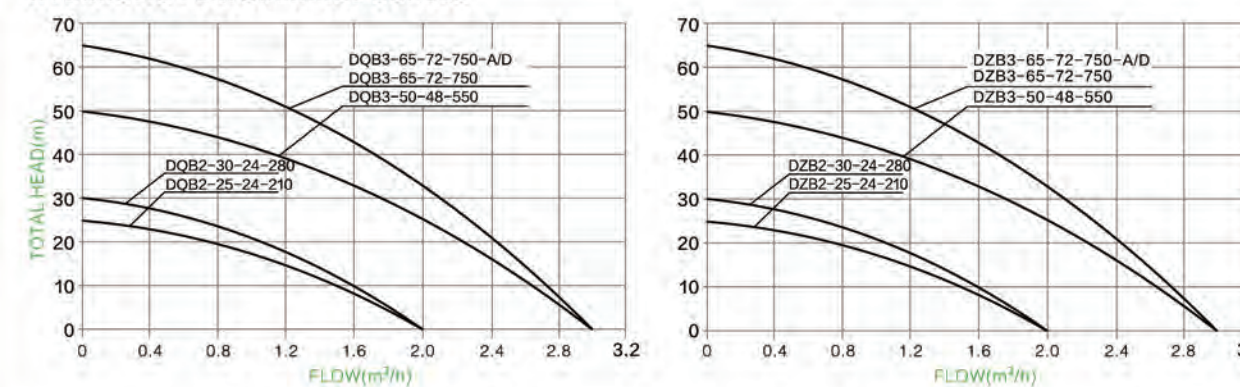
ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DQB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1×1"	2m	<60V	≥1.3*PUMP POWER
DQB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1×1"	2m	<60V	≥1.3*PUMP POWER
DQB3-50-48-550	48V	60V-90V	550W	3m³/h	50m	1×1"	2m	<110V	≥1.3*PUMP POWER
DQB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1×1"	2m	<170V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DQB3-65-72-750-A/D	85V-280V	100V-350V	750W	3m³/h	65m	1×1"	2m	<430V	≥1.3*PUMP POWER

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DZB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1×1"	2m	<60V	≥1.3*PUMP POWER
DZB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1×1"	2m	<60V	≥1.3*PUMP POWER
DZB3-50-48-550	48V	60V-90V	550W	3m³/h	50m	1×1"	2m	<110V	≥1.3*PUMP POWER
DZB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1×1"	2m	<170V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DZB3-65-72-750-A/D	85V-280V	100V-350V	750W	3m³/h	65m	1"x1"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



DJET DJET-AD

DC AND AC/DC BRUSHLESS SURFACE SOLAR PUMP



DJET



DC controller

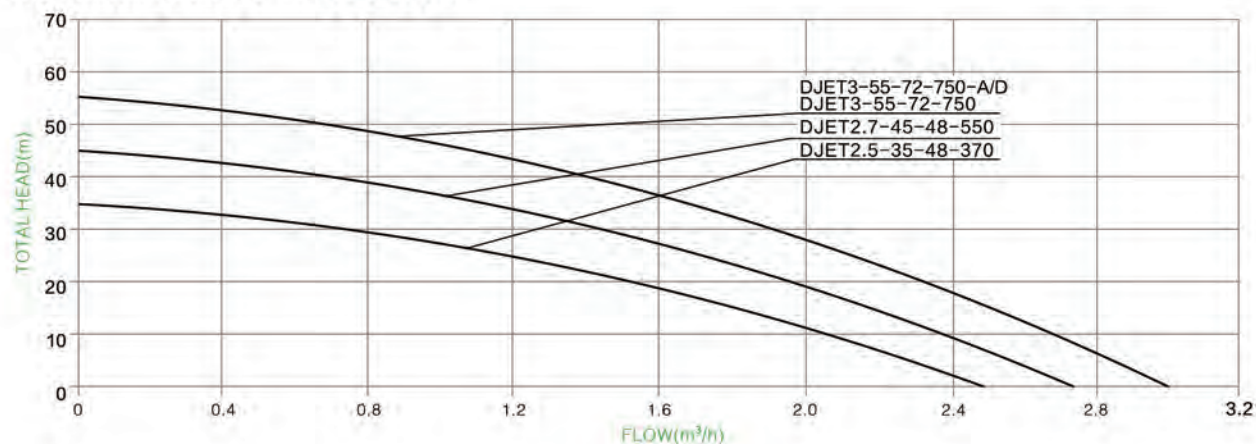
AC/DC auto-switching controller
(≤2.2KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
DJET2.5-35-48-370	48V	60V-90V	370W	2.5m³/h	35m	1"x1"	2m	<110V	≥1.3*PUMP POWER
DJET2.7-45-48-550	48V	60V-90V	550W	2.7m³/h	45m	1"x1"	2m	<110V	≥1.3*PUMP POWER
DJET3-55-72-750	72V	90V-120V	750W	3m³/h	55m	1"x1"	2m	<170V	≥1.3*PUMP POWER

ITEM	AC Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
DJET3-55-72-750-A/D	85V-280V	100V-350V	750W	3m³/h	55m	1"x1"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



DLP DLP-A/D

DC & AC/DC BRUSHLESS SWIMMING POOL SOLAR PUMP



DC controller

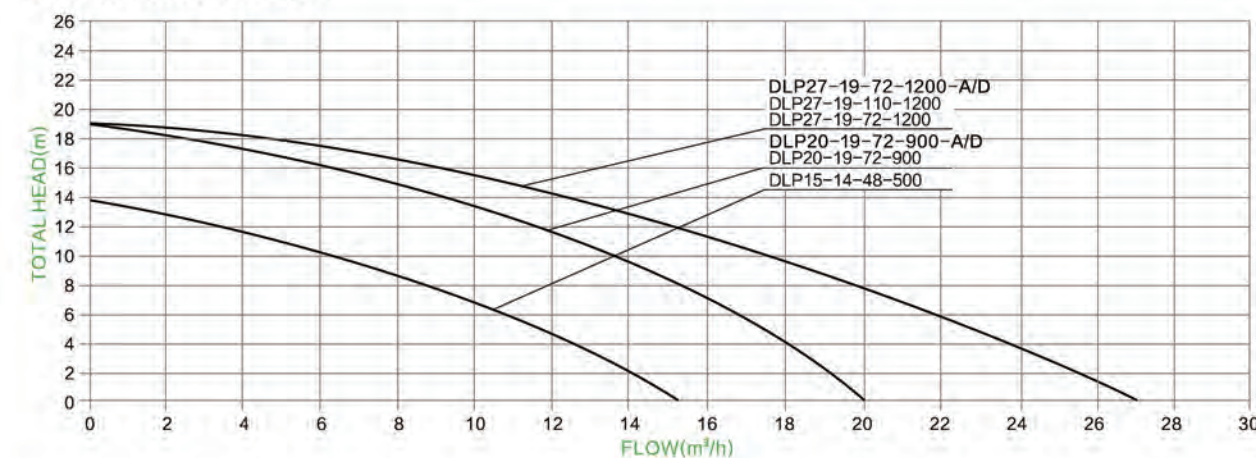
AC/DC auto-switching controller
(≤2.2KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
DLP15-14-48-500	48V	60V-90V	500W	15m³/h	14m	2X2"	2m	<110V	≥1.3*PUMP POWER
DLP20-19-72-900	72V	90V-120V	900W	20m³/h	19m	2X2"	2m	<170V	≥1.3*PUMP POWER
DLP27-19-72-1200	72V	90V-120V	1200W	27m³/h	19m	3X3"	2m	<170V	≥1.3*PUMP POWER
DLP27-19-110-1200	110V	110V-150V	1200W	27m³/h	19m	3X3"	2m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
DLP20-19-72-900-A/D	85V-280V	100V-350V	900W	20m³/h	19m	2X2"	2m	<430V	≥1.3*PUMP POWER
DLP27-19-72-1200-A/D	85V-280V	100V-350V	1200W	27m³/h	19m	3X3"	2m	<430V	≥1.3*PUMP POWER

PERFORMANCE CURVES



FREE SPARE PARTS



DQD
DQD-A/D(HV)
DC AND AC/DC SUBMERSIBLE SOLAR PUMP



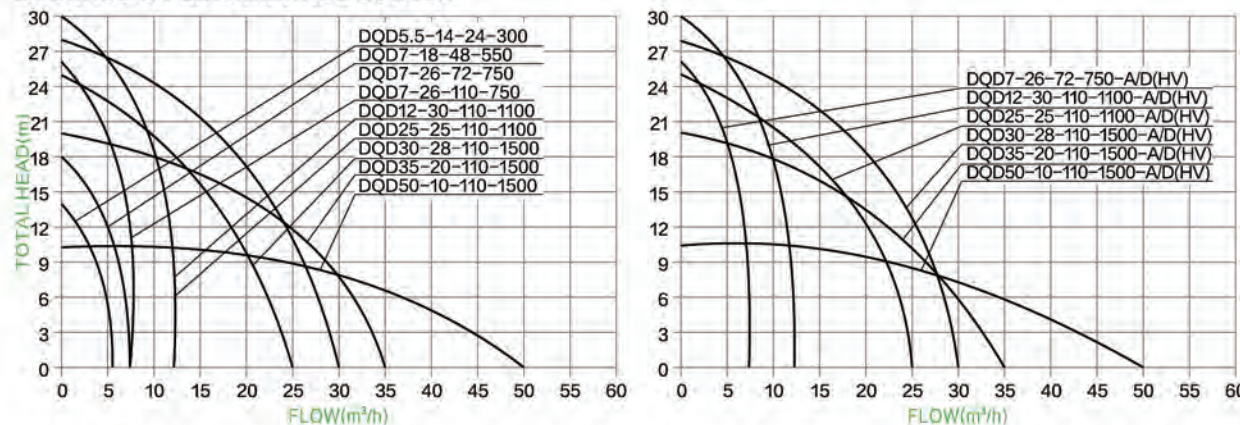
DC Controller
AC/DC auto-switching controller (≤2.2KW)
Wide Voltage HV Controller (≤2.2KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
DQD5.5-14-24-300	24V	30V-48V	300W	5.5m³/h	14m	1"	5m	<60V	≥1.3*PUMP POWER
DQD7-18-48-550	48V	60V-90V	550W	7m³/h	18m	1"	5m	<110V	≥1.3*PUMP POWER
DQD7-26-72-750	72V	90V-120V	750W	7m³/h	26m	1"	5m	<170V	≥1.3*PUMP POWER
DQD7-26-110-750	110V	110V-150V	750W	7m³/h	26m	1"	5m	<220V	≥1.3*PUMP POWER
DQD12-30-110-1100	110V	110V-150V	1100W	12m³/h	30m	1.5"	5m	<220V	≥1.3*PUMP POWER
DQD25-25-110-1100	110V	110V-150V	1100W	25m³/h	25m	2"	5m	<220V	≥1.3*PUMP POWER
DQD30-28-110-1500	110V	110V-150V	1500W	30m³/h	28m	2"	5m	<220V	≥1.3*PUMP POWER
DQD35-20-110-1500	110V	110V-150V	1500W	35m³/h	20m	2"	5m	<220V	≥1.3*PUMP POWER
DQD50-10-110-1500	110V	110V-150V	1500W	50m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DQD7-26-72-750-A/D(HV)	85V-280V	100V-350V	750W	7m³/h	26m	1"	5m	<430V	≥1.3*PUMP POWER
DQD12-30-110-1100-A/D(HV)	85V-280V	110V-350V	1100W	12m³/h	30m	1.5"	5m	<430V	≥1.3*PUMP POWER
DQD25-25-110-1100-A/D(HV)	85V-280V	110V-350V	1100W	25m³/h	25m	2"	5m	<430V	≥1.3*PUMP POWER
DQD30-28-110-1500-A/D(HV)	85V-280V	110V-350V	1500W	30m³/h	28m	2"	5m	<430V	≥1.3*PUMP POWER
DQD35-20-110-1500-A/D(HV)	85V-280V	110V-350V	1500W	35m³/h	20m	2.5"	5m	<430V	≥1.3*PUMP POWER
DQD50-10-110-1500-A/D(HV)	85V-280V	110V-350V	1500W	50m³/h	10m	3"	5m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



DWQD
DWQD-A/D(HV)
DC AND AC/DC SUBMERSIBLE SOLAR PUMP



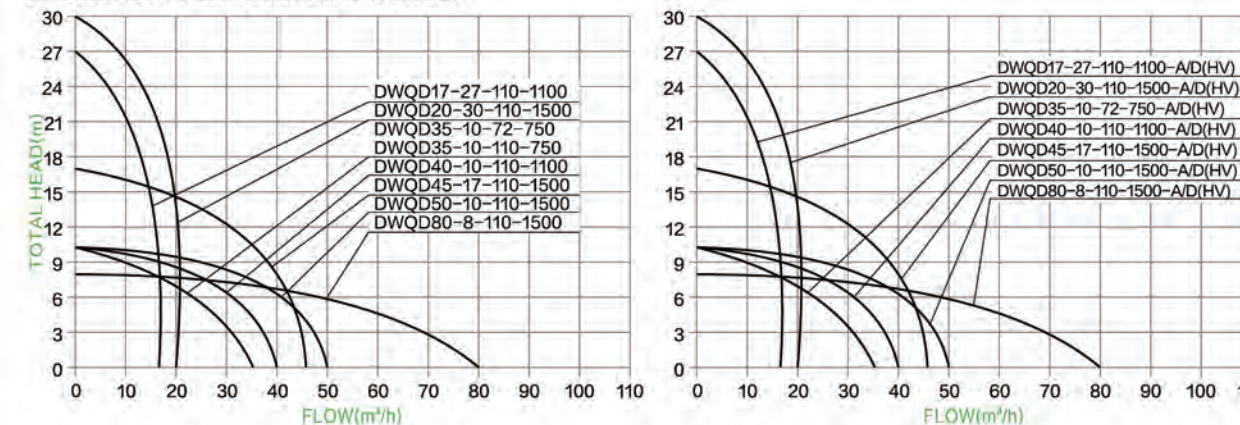
DC Controller
AC/DC auto-switching controller (≤2.2KW)
Wide Voltage HV Controller (≤2.2KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
DWQD17-27-110-1100	110V	110V-150V	1100W	17m³/h	27m	2"	5m	<220V	≥1.3*PUMP POWER
DWQD20-30-110-1500	110V	110V-150V	1500W	20m³/h	30m	2"	5m	<220V	≥1.3*PUMP POWER
DWQD35-10-72-750	72V	90V-120V	750W	35m³/h	10m	3"	5m	<170V	≥1.3*PUMP POWER
DWQD35-10-110-750	110V	110V-150V	750W	35m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER
DWQD40-10-110-1100	110V	110V-150V	1100W	40m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER
DWQD45-17-110-1500	110V	110V-150V	1500W	45m³/h	17m	3"	5m	<220V	≥1.3*PUMP POWER
DWQD50-10-110-1500	110V	110V-150V	1500W	50m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER
DWQD80-8-110-1500	110V	110V-150V	1500W	80m³/h	8m	4"	5m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DWQD17-27-110-1100-A/D(HV)	85V-280V	110V-350V	1100W	17m³/h	27m	2"	5m	<430V	≥1.3*PUMP POWER
DWQD20-30-110-1500-A/D(HV)	85V-280V	110V-350V	1500W	20m³/h	30m	2"	5m	<430V	≥1.3*PUMP POWER
DWQD35-10-72-750-A/D(HV)	85V-280V	100V-350V	750W	35m³/h	10m	3"	5m	<430V	≥1.3*PUMP POWER
DWQD40-10-110-1100-A/D(HV)	85V-280V	110V-350V	1100W	40m³/h	10m	3"	5m	<430V	≥1.3*PUMP POWER
DWQD45-17-110-1500-A/D(HV)	85V-280V	110V-350V	1500W	45m³/h	17m	3"	5m	<430V	≥1.3*PUMP POWER
DWQD50-10-110-1500-A/D(HV)	85V-280V	110V-350V	1500W	50m³/h	10m	3"	5m	<430V	≥1.3*PUMP POWER
DWQD80-8-110-1500-A/D(HV)	85V-280V	110V-350V	1500W	80m³/h	8m	4"	5m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



DFSU DFSU-A/D(HV)

DC & AC/DC & WIDE VOLTAGE BRUSHLESS
CENTRIFUGAL SOLAR PUMP



DC controller



AC/DC auto-switching controller
(≤2.2KW)



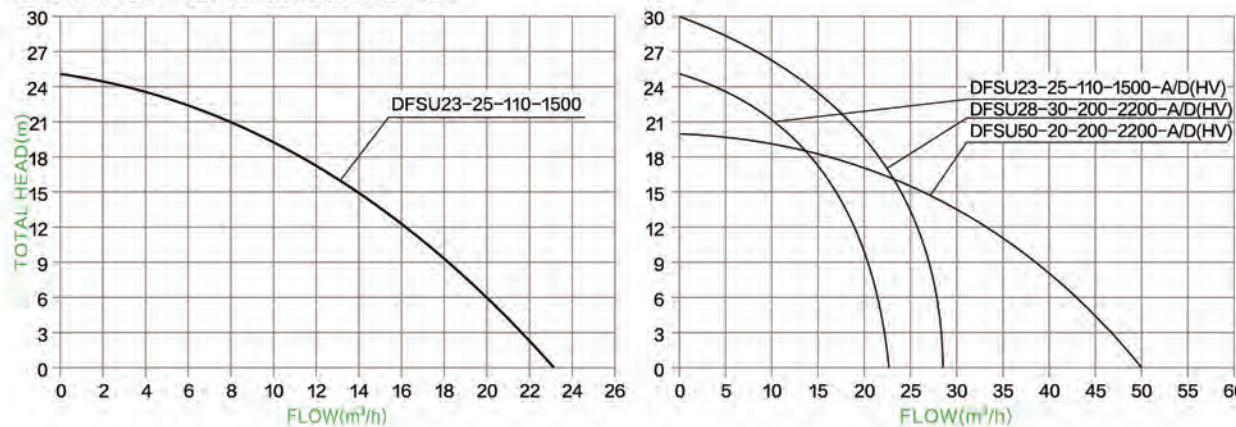
Wide Voltage HV Controller
(≤2.2KW)

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DFSU23-25-110-1500	110V	110V-150V	1500W	23m³/h	25m	2"	0.6m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DFSU23-25-110-1500-A/D(HV)	85V-280V(I)	110V-350V	1500W	23m³/h	25m	2"	0.6m	<430V	≥1.3*PUMP POWER
DFSU28-30-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	28m³/h	30m	2"	0.6m	<430V	≥1.3*PUMP POWER
DFSU50-20-200-2200-A/D(HV)	85V-280V(I)	200V-350V	2200W	50m³/h	20m	3"	0.6m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



SOLAR AERATOR

BRUSHLESS SOLAR PUMP



Solar Aerator



Solar air oxygenator



DC controller



AC/DC auto-switching controller
(≤2.2KW)



Solar Paddle Wheel Aerator



Solar Impeller Aerator

SOLAR AERATOR

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Solar panel	
							Open circuit voltage(VOC)	Power
DSA15-4.5-48-370	48V	60V-90V	370W	15m³/h	4.5m	3"	<110V	≥1.3*PUMP POWER
DSA25-5-48-750	48V	60V-90V	750W	25m³/h	5m	3"	<110V	≥1.3*PUMP POWER
DSA30-7-72-1100	72V	90V-120V	1100W	30m³/h	7m	3"	<170V	≥1.3*PUMP POWER
DSA40-6-110-1500	110V	110V-150V	1500W	40m³/h	6m	3"	<220V	≥1.3*PUMP POWER
DSA55-5-300-2200-A/D	AC220/DC300V	300V-400V	2200W	55m³/h	5m	4"	<430V	≥1.3*PUMP POWER

SOLAR AIR OXYGENATOR

ITEM	Voltage	Optimum input voltage (DC)	Power	Oxygenation rate(kg/h)	Covering Area(m²)	Solar panel	
						Open circuit voltage(VOC)	Power
DSAO-48-750	48V	60V-90V	750W	≥1.1	666-2000	<110V	≥1.3*PUMP POWER
DSAO-110-1500	110V	110V-150V	1500W	≥2.3	2000-4000	<220V	≥1.3*PUMP POWER
DSAO-300-2200-A/D	AC220/DC300V	300V-400V	2200W	≥3.4	2665-5328	<430V	≥1.3*PUMP POWER

SOLAR PADDLE WHEEL AERATOR

ITEM	Voltage	Optimum input voltage (DC)	Power	Oxygenation rate(kg/h)	Covering Area(m²)	Impeller quantity	Solar panel	
							Open circuit voltage(VOC)	Power
DSWA2-48-750	48V	60V-90V	750W	>1.1	666-3330	2	<110V	≥1.3*PUMP POWER
DSWA4-110-1500	110V	110V-150V	1500W	>1.9	2000-6660	4	<220V	≥1.3*PUMP POWER
DSWA6-300-2200-A/D	AC220/DC300V	300V-400V	2200W	>2.0	2665-8000	6	<430V	≥1.3*PUMP POWER

SOLAR IMPELLER AERATOR

ITEM	Voltage	Optimum input voltage (DC)	Power	Oxygenation rate(kg/h)	Covering Area(m²)	Solar panel	
						Open circuit voltage(VOC)	Power
DSIA-48-750	48V	60V-90V	750W	≥1.1	666-2000	<110V	≥1.3*PUMP POWER
DSIA-72-1100	72V	90V-120V	1100W	≥1.6	2000-2665	<170V	≥1.3*PUMP POWER
DSIA-110-1500	110V	110V-150V	1500W	≥2.3	2000-4000	<220V	≥1.3*PUMP POWER
DSIA-300-2200-A/D	AC220/DC300V	300V-400V	2200W	≥3.4	2665-5328	<430V	≥1.3*PUMP POWER

Solar panel recommendation for 12V-110V DC solar pump

PUMP POWER 80W-12V Voc: 30V~48V		Solar panel:150W*1PCS Solar panel:270W*1PCS Solar panel:330W*1PCS Solar panel:550W*1PCS
PUMP POWER 120W-24V 180W-24V 200W-24V 210W-24V 210W-36V Voc: 30V~48V		Solar panel:150W*2PCS Solar panel:270W*1PCS Solar panel:330W*1PCS Solar panel:550W*1PCS
PUMP POWER 280W-24V 300W-24V Voc: 30V~48V		Solar panel:270W*2PCS Solar panel:330W*1PCS Solar panel:550W*1PCS
PUMP POWER 400W-36V Voc: 30V~48V		Solar panel:270W*2PCS Solar panel:330W*2PCS Solar panel:550W*1PCS
PUMP POWER 370W-48V 400W-48V Voc: 60V~90V		Solar panel:270W*2PCS Solar panel:330W*2PCS Solar panel:550W*2PCS
PUMP POWER 500W-48V 550W-48V Voc: 60V~90V		Solar panel:270W*4PCS Solar panel:330W*2PCS Solar panel:550W*2PCS
PUMP POWER 600W-48V Voc: 60V~90V		Solar panel:270W*4PCS Solar panel:330W*4PCS Solar panel:550W*2PCS
PUMP POWER 600W-72V Voc: 90V~120V		Solar panel:270W*3PCS Solar panel:330W*3PCS Solar panel:550W*3PCS

PUMP POWER 750W-48V Voc: 60V~90V		Solar panel:270W*4PCS Solar panel:330W*4PCS Solar panel:550W*2PCS
PUMP POWER 750W-72V Voc: 90V~120V		Solar panel:270W*4PCS Solar panel:330W*3PCS Solar panel:550W*3PCS
PUMP POWER 900W-72V Voc: 90V~120V		Solar panel:270W*4PCS Solar panel:330W*3PCS Solar panel:550W*3PCS
PUMP POWER 1100W-72V Voc: 90V~120V		Solar panel:270W*6PCS Solar panel:330W*6PCS Solar panel:550W*3PCS
PUMP POWER 750W-110V Voc: 110V~350V		Solar panel:270W*4PCS Solar panel:330W*3PCS Solar panel:550W*3PCS
PUMP POWER 1100W-110V Voc: 110V~350V		Solar panel:270W*6PCS Solar panel:330W*6PCS Solar panel:550W*3PCS
PUMP POWER 1300W-110V Voc: 110V~350V		Solar panel:270W*8PCS Solar panel:330W*6PCS Solar panel:550W*3PCS
PUMP POWER 1500W-110V Voc: 110V~350V		Solar panel:270W*8PCS Solar panel:330W*8PCS Solar panel:550W*4PCS

Solar panel recommendation for 220V-380V AC/DC & HV solar pump

PUMP POWER 750W-72V ACVol. 85V~280V DCVol. 100V~350V		Solar panel:550W*3PCS Solar panel:330W*4~6PCS
PUMP POWER 1100W-110V 1200W-110V ACVol. 85V~280V DCVol. 110V~350V		Solar panel:550W*3PCS Solar panel:330W*5~7PCS
PUMP POWER 1300W-110V 1500W-110V ACVol. 85V~280V DCVol. 110V~350V		Solar panel:550W*3~4PCS Solar panel:330W*6~8PCS
PUMP POWER 2200W-200V ACVol. 85V~280V DCVol. 200V~350V		Solar panel:550W*5~6PCS Solar panel:330W*8~9PCS
PUMP POWER 3000W-245V ACVol. 85V~280V DCVol. 245V~350V		Solar panel:550W*7PCS Solar panel:330W*12PCS
PUMP POWER 4000W-300V ACVol. 85V~280V DCVol. 300V~350V		Solar panel:550W*8PCS Solar panel:330W*15PCS
PUMP POWER 3000W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:550W*13PCS Solar panel:330W*12PCS
PUMP POWER 4000W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:550W*13PCS Solar panel:330W*15PCS
PUMP POWER 5500W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:550W*13PCS (2) Solar panel:330W*22PCS (1)

PUMP POWER 7500W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:330W*30PCS(1) Solar panel:550W*15PCS(2)
PUMP POWER 9200W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:330W*36PCS(1) Solar panel:550W*26PCS(2)
PUMP POWER 11000W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:330W*42PCS(1) Solar panel:550W*26PCS(2)
PUMP POWER 15000W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:330W*60PCS(1) Solar panel:550W*39PCS(2)
PUMP POWER 18500W-520V ACVol. 380V~440V DCVol. 520V~650V		Solar panel:450W*56PCS Solar panel:550W*52PCS