

DC Solar Pool System

MAYGO



Solar Pool Pumps

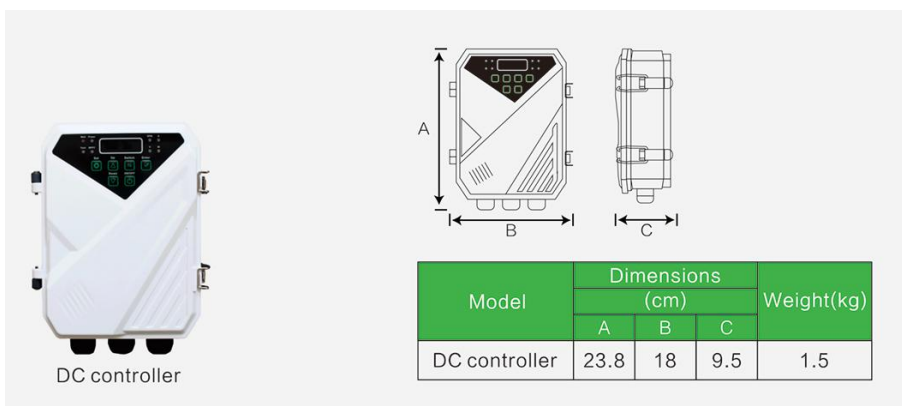
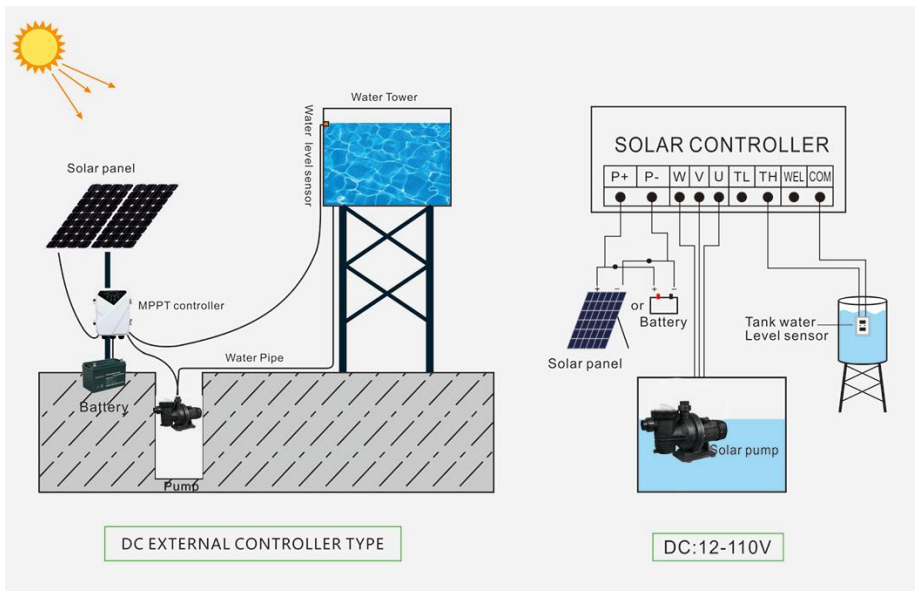
Solar pool pumps use solar energy to drive pool pumps. It is loved by Australia and other Sunny area regions, especially in remote areas that lack electricity. It is mainly used in the water circulation system of swimming pools and water amusement facilities.

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Pump Advantages

- Inlet/Outlet: Reinforced plastics
- Pump Body: Die cast Aluminum
- Impeller: Reinforced plastics
- Pump motor: Permanent magnet DC brushless
- Screw: 316 stainless steel
- Controller: 32bit MCU/FOC/Sine Wave Current/MPPT
- Controller Shell: Die-cast Aluminum(IP65)



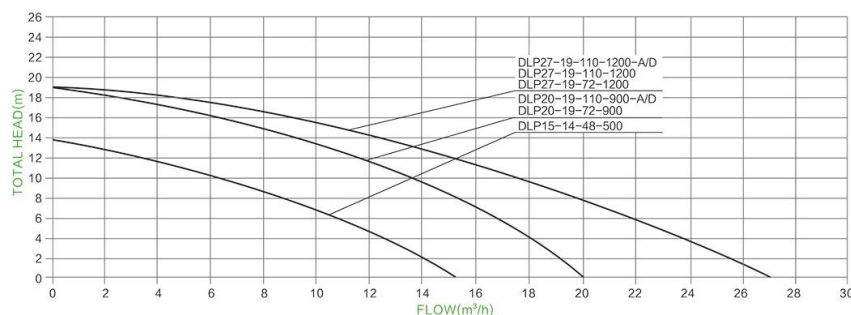


TECHNICAL DATA

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	<100V	≥1.3*PUMP POWER
DLP20-19-72-900	72V	90V-120V	900W	20m³/h	19m	2X2"	2m	<150V	≥1.3*PUMP POWER
DLP27-19-72-1200	72V	90V-120V	1200W	27m³/h	19m	3X3"	2m	<150V	≥1.3*PUMP POWER
DLP27-19-110-1200	110V	110V-150V	1200W	27m³/h	19m	3X3"	2m	<200V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DLP20-19-110-900-A/D	85V-280V	80V-420V	900W	20m³/h	19m	2X2"	2m	<420V	≥1.3*PUMP POWER
DLP27-19-110-1200-A/D	85V-280V	80V-420V	1200W	27m³/h	19m	3X3"	2m	<420V	≥1.3*PUMP POWER

PERFORMANCE CURVES



FREE SPARE PARTS



How to configure the system?

Solar Panel(can buy in local market)+DC Controller+DC pool pump

DC controller+500W DC pool pump

DC controller+900W DC pool pump

DC controller+1200W DC pool pump