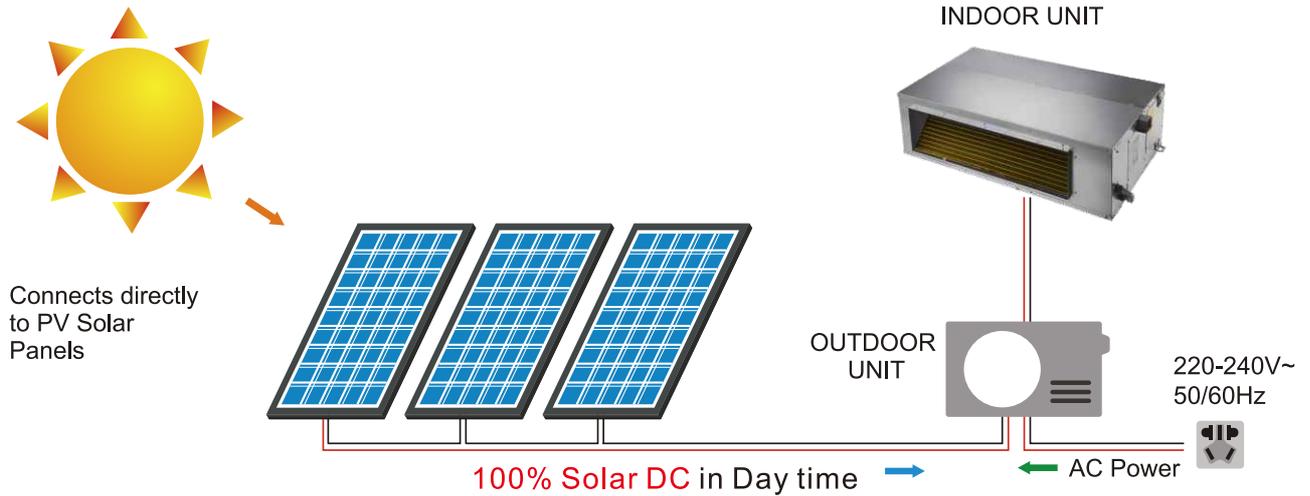


# Solar Air Conditioner

## Light Commercial Concealed Duct Type

### ACDC HYBRID



**100% Eco**  
Up to 100% Saving in day time



**Grid AC Power Limiter**  
Limit AC power from 0-300W



**Savings**  
No Inverter, battery, or Charger controller needed



**Wide Operating Temperature**  
Temperature Range between -10 °C to +58 °C



**Max Efficiency**  
DC-driven



**Auto Balance**  
AC/DC auto balance



- ✓ A purpose built DC Hybrid solar air conditioner built from the ground up 100% DC - No electronic inverter.
- ✓ They can operate independent of the AC Grid (Off Grid) turning itself on when there is sufficient solar power and back off when there is no longer enough power from the sun.
- ✓ No solar grid connection for installation, no utility company authority required.
- ✓ Plug and play installation – solar panels connect directly to MC4 solar terminals.
- ✓ STC's are claimable on solar panels installed on a unit – essentially covering the cost of the panels.

- ✓ Uses eco-friendly R410 a refrigerant gas – non-flammable! Compared with widely used flammable R32 gas.
- ✓ Brushless DC motors in both indoor and outdoor units ensures extremely quiet operating levels.
- ✓ Can be set to limit the AC power input if power consumption is a concern due to maximum power demand or simply to minimize the power consumption for economic savings.
- ✓ Using solar power for one of our highest energy consuming appliances. Just common sense!



■ optional ■ standard



Wired Control



180° Sine Wave Control



Auto Restart Function



Long-term Filter



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/Heating



Low Ambient Cooling



Remote Control



Built-in Drain Pump



Golden Fin



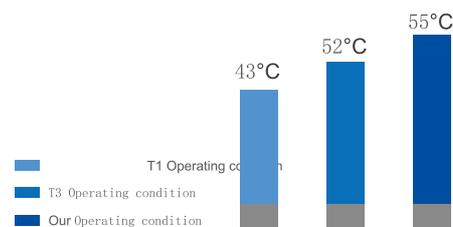
WIFI Control

## Technical Data

Model			SKD-ACDC-18K	SKD-ACDC-24K
Power supply		PH-V-HZ	1Ph, 220-240V~, 50/60Hz	1Ph, 220-240V~, 50/60Hz
		V	DC80-380V	DC80-30V
Cooling	Capacity	Btu/h	18000 (6500-20000)	24000 (9500-26000)
	Input	W	1341 (220-1950)	1925 (330-2600)
	Rated current	A	6.09 (1.0-8.86)	8.75 (1.5-11.36)
Heating	Capacity	Btu/h	19000 (4700-21000)	25000 (9800-26500)
	Input	W	1487 (260-2155)	1971 (350-2560)
	Rated current	A	6.76 (1.18-9.79)	8.96 (1.59-11.64)
Indoor air flow (Hi/Mi/Lo)		m3/h	900/700/550	1500/1250/900
Indoor noise level (Hi/Mi/Lo)		dB(A)	<43/40/38	≤47/43/40
Indoor unit	Dimension(W*D*H)	mm	1060*580*260	1060*580*260
	Packing (W*D*H)	mm	1075*595*265	1405*595*265
	Net/Gross weight	Kg	28/33	38/45
Outdoor air flow		m3/h	2100	2900
Outdoor noise level		dB(A)	<52	≤56
Outdoor unit	Dimension(W*D*H)	mm	835*320*540	910*340*700
	Packing (W*D*H)	mm	900*400*600	1063*480*760
	Net/Gross weight	Kg	39/44	54/59
Refrigerant type			R410a	R410a

## Up To 55°C Running

Enjoy excellent performance even under ambient temperature up to 55°C, suitable for T3 operating condition.



## Optional Air Inlet(Down or Side)

Air intake from rear as standard, from bottom is optional. The size of the plate from bottom is the same as the flange from back, which makes it convenient to change installation style due to different decoration requirements.

