



# EG4 120U

## SOLAR AIR CONDITIONER

Our line of solar air conditioner offers the high efficiency benefits of the traditional mini-split along with the cost saving addition of a DC solar inverter.

**ON BOARD  
SOLAR  
INVERTER**

**VACUUM  
LINES  
INCLUDED**

**HYBRID  
AC/DC  
FUNCTION**



### 100% daytime energy savings

Daytime power comes directly from solar!

### Plug and play

MC4 connectors attach directly to PV wire!

### AC grid power limiter

Limit AC power from 0-600W!

### Wide operating temperature

-10° C to 58 C!



**120 UAC MODEL**



# EG4 120U

## SOLAR AIR CONDITIONER

Power Supply		
AC Power	1Ph / 120V / 50-60HZ	
DC Power ( PV in Series )	80-380V	
DC Power Current	</- 10A	
Rated Cooling		
Capacity ( T1 )	3510 (900-3900) W   12000 (3000-13300) BTU	
Power Input ( T1 )	9401 (190-1270) W	
Rated Heating		
Capacity	4100 (1000-4500) W   14000 (3000-15300) BTU	
Power Input	1170 (190-1700) W	
Performance Specifications		
	Indoor	Outdoor
T1 EER (W/W) / (BTU/W)	25 (3.75/12.7)	--
COP (W/W) / (BTU/W)	3.50/11.95	--
Dehumidification Capacity	1.3 L/h	--
Air Flow	540/485/435/350 m3/h (Turbo/Hi/Mi/Lo)	2100 m3/h
Noise Level	≤42.5 dB(A) (Turbo)	≤52 dB(A)
Refrigerant Type	--	R410A
Max Design Pressure	--	4.3/1.5 MPa
Physical Specifications		
	Indoor	Outdoor
Dimension (WxHxD)	840x205x295 mm	802x564x323 mm
Packing (WxHxD)	920x290x360 mm	910x622x405 mm
Net/Gross Weight	9.0/12.5 Kg	33.5/37.5 Kg
Connections		
Gas / Liquid Side	3/8 1/4 Inch	
Max. Refrigerant Pipe Length	49.2 ft	
Max. Difference in Level	26.2 ft	
Drain Pipe Size	5/8 in	
Refrigerant Connection Copper Pipe Length	9.8 ft	
Connection Wire Length	13.1 ft	
Electronic Expansion Valve	YES	
Loading QTY 40" Hq / 20" GP	200/85 Sets	