EG4® 12k Solar AC Mini Split

12000BTU AC/DC Air Conditioner/Heat Pump

| Plug-n-Cool Do-It-Yourself | New SEER2 Rating: 22 | 5-Year Limited Warranty |

New Plug-n-Cool Technology

Easy Do-It-Yourself Installation

Allows for quick and easy refrigerant line-set connection via the quick-connect self-closing companion valves without special tools, equipment, or training. No need to pull a vacuum.
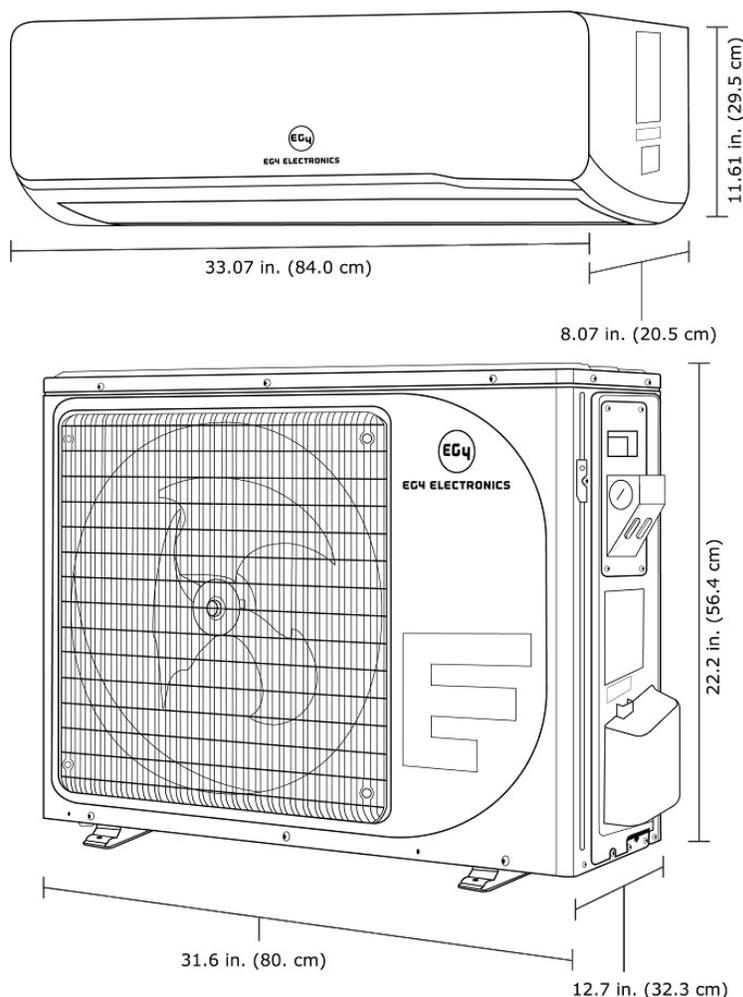
AC/DC Hybrid Power Inputs

Direct Solar Input via MC4 Connectors

Power this solar AC mini split with solar panels attached directly to the outside unit and/or with 115VAC power. 100% daytime energy savings on sunny days when solar inputs are utilized.

Over 12000BTU of Heating & Cooling Capacity

Heat & Cool up to 650 Square Feet

Get sophisticated air conditioning in medium-sized rooms.

11.61 in. (29.5 cm)

33.07 in. (84.0 cm)

8.07 in. (20.5 cm)

22.2 in. (56.4 cm)

31.6 in. (80. cm)

12.7 in. (32.3 cm)

PLUG-n-COOL®

EG4 ELECTRONICS

EG4® 12k Solar AC Mini Split

12000BTU AC/DC Air Conditioner/Heat Pump

Electrical Specifications	
Rated Voltage	115VAC | 90VDC-380VDC
Rated Current	AC: 8.3A | DC: 9.1A-2.4A
VOC of PV	≤380V
ISC of PV	≤12A
Frequency	60Hz
Minimum Circuit Ampacity	19.05A
Maximum Fuse Size	20A
Maximum Starting Current	4A
Rated Cooling	
Nominal Capacity	12,000 BTU/h
Capacity Range	3,000-13,000 BTU/h
Input Power	190-1100W
Rated Current	8.1A
EER	13.04
SEER2 (Seasonal Energy Efficiency Ratio 2)	22
Rated Heating	
Nominal Capacity	12,500 BTU/h
Capacity Range	3,000-13,000 BTU/h
Input Power	190-1100W
Rated Current	8.26A
COP	11.9 Btu/W
HSPF2 (Heating Seasonal Performance Factor 2)	10.5
System Data	
Design Pressure [PSI Gauge (PSIG)]	<651
Refrigerant	R410A/38.8 oz.
Refrigerant Pre-charge	16.4 ft.
Additional charge per ft	0.2 oz.
Liquid valve	0.25 in. (6.35mm)
Gas valve	0.375 in. (9.52mm)
Max refrigerant pipe length	49 ft.
Max difference in level	26 ft.

EG4® 12k Solar AC Mini Split

12000BTU AC/DC Air Conditioner/Heat Pump

Compressor Specifications	
Type	2×Rotary
Input Power	190-1100W
Rated Load Amperage (RLA)	3.6A
Indoor Unit Data	
Rated Load Amperage (RLA)	0.4A
Speed (Turbo/5/4/3/2/1block)	1300/1200/1100/1000/900/850 r/min
Air Flow (Turbo/5/4/3/2/1block)	382/347/312/276/240/220 CFM
Sound Pressure (Turbo/5/4/3/2/1block)	41/39/37.5/35/32.5/31.5 dB(A)
Moisture Removal	2.65 pt/hr.
Indoor Unit Dimensions	
Unit Dimension (W×D×H)	33.07×8.07×11.61 in.
Packaging (W×D×H)	36.22×11.42×14.17 in.
Net/Gross weight	20.94/26.01 lbs.
Outdoor Unit Data	
Rated Load Amperage (RLA)	0.42A
Speed (Hi/Med/Lo)	800 r/min
Air Flow (Hi/Med/Lo)	1060 CFM
Sound Pressure (Hi/Med/Lo)	52 dB(A)
Outdoor Unit Dimensions	
Unit Dimension (W×D×H)	31.57×12.72×22.2 in.
Packaging (W×D×H)	35.83×15.94×24.49 in.
Net/Gross weight	75.0/83.8 lbs.
Operation Temperature	
Indoor (cooling/heating)	61-90/32-90 °F
Outdoor (cooling/heating)	32-131/5-86 °F
Accessories	
Control	Remote
Connection Cable	18AWG×4(Stranded)
Installation Copper Kit	16.4 ft.
Warranty	
Limited Warranty	5* year limited warranty
	*See EG4® Warranty Registration for terms and conditions