

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 lineset connection via the quick-connect selfclosing companion valves without special tools, equipment, or training. No need to pull a vacuum.

AC/DC Hybrid Power Inputs

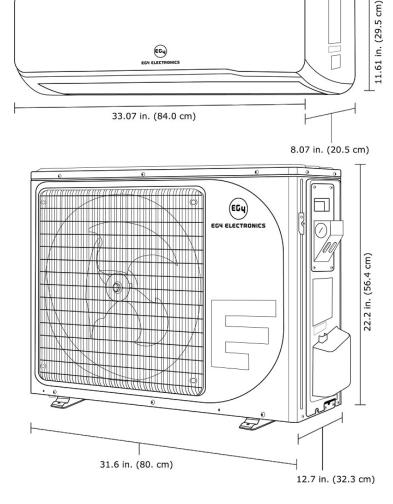
Direct Solar Input via MC4 Connectors

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.









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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 12,000 BTU/h 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 3,000-13,000 BTU/h 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 -651 Design Pressure [PSI Gauge (PSIG)] <651 Refrigerant R410A/38.8 oz. Refrigerant Pre-ch	Electrical Specifications	
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Max refrigerant pipe length 49 ft.	Liquid valve	0.25 in. (6.35mm)
	Gas valve	0.375 in. (9.52mm)
Max difference in level 26 ft.	Max refrigerant pipe length	49 ft.
	Max difference in level	26 ft.





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12000BTU AC/DC Air Conditioner/Heat Pump

Compressor Specifications	
Туре	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

