

SPECIFICATIONS

AC INPUT

Voltage range, rated	100-240 Vac
Voltage range, operating	85-265 Vac (< 108 Vac: reduced power)
Frequency, rated	50-60 Hz
Frequency, operating	45-65 Hz
Phase	Single-phase
Current, maximum	< 12 A
Efficiency	$> 91.5\%$ peak, CEC test procedure, 115 Vac, AC and DC losses included
Protection	Current limit, surge, transient, under voltage, over voltage

DC OUTPUT

Power	1050 W		
Voltage, nominal	48 Vdc	36 Vdc	24 Vdc
Voltage, maximum	72 Vdc	54 Vdc	36 Vdc
Current, maximum	22 A	25 A	25 A
Voltage, min start-up	10 Vdc		
Battery types	Wet/flooded, AGM, gel deep-cycle lead-acid; lithium-ion; custom		
Protection	Current limit, short circuit, reverse polarity, under voltage, over voltage, wrong batt voltage		

USER & VEHICLE INTERFACES

Bluetooth Smart Wireless	Apps for Apple and Android phones and tablets
LEDs	Charge Complete (green), Charge Status (yellow), AC Present (blue), Fault (red)
Lockout / interlock	Single wire

MECHANICAL

Dimensions (LxWxH), (removable feet not included)	10.969 x 9.250 x 4.000 in (279 x 235 x 102 mm)
Cooling	Natural convection (no fan)
AC connector	IEC 60320 C16 inlet with cord clamp
DC connector	External terminals with cover
Lockout connector	External terminals with cover
Mounting	Shelf, wall, bulkhead, hook
Handle	Optional

ENVIRONMENTAL

Enclosure rating	IP66, NEMA 4
Operating temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Storage temperature	-40 °C to 85 °C (-40 °F to 185 °F)

SAFETY/REGULATORY (PENDING)

UL recognized/listed; cUL/CSA certified; CE certified; EN safety, emissions, immunity; ACMA RCM (C-Tick), FCC Part 15, Class A; ICES-003; CEC Appliance Efficiency Regulations, Title 20; DOE Code of Federal Regulations, 10 CFR Part 430

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