

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 | < 8 A |
| Efficiency | > 90% peak, CEC test procedure, 115 Vac, AC and DC losses included |
| Protection | Current limit, surge, transient, under voltage, over voltage |

DC OUTPUT

| | |
|------------------------------|---|
| Power | 650 W |
| Voltage, nominal | 24 Vdc |
| Voltage, maximum | 36 Vdc |
| Current, maximum | 27 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) |
| Remote LED | Single tri-color; charge complete, charge status, fault; output standard; LED assembly optional |
| Lockout / interlock | Single wire |
| Battery temperature | Input standard; sensor optional |
| CAN bus communication | CANopen [®] standard, contact LE sales regarding other options |

MECHANICAL

| | |
|--|--|
| Dimensions (LxWxH), (removable feet not included) | 11.297 x 7.172 x 3.641 in (287 x 183 x 93 mm) |
| Cooling | Natural convection (no fan) |
| AC connector | IEC 60320 C16 inlet with cord clamp |
| DC connector | External terminals with cover |
| Lockout connector | External terminal with cover |
| Battery temp connector | External terminal with cover |
| Remote LED connector | External DB9 (DE9) |
| CAN bus connector | External DB9 |
| Mounting | Shelf, wall, bulkhead, threaded rod, 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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