



EN31240

12V 40A ePOWER
Smart Battery Charger


Batterypro
www.a1batterypro.com.au

Features:

- **Multistage Charging:** Fully automatic 4 stage battery charger with the ability to charge 3 separate battery banks.
- **Separate Battery Banks:** Isolated charging design where battery bank one is separate from battery bank two and three.
- **Programmable:** Battery bank 1 can be programmed with a different charge algorithm over banks 2 and 3.
- **Current Control:** User adjustable current output (e.g. Dial the 60amp unit back to run off a 1kVA generator).
- **Smart Charging:** The ePOWER 40A battery charger will regulate its output based on the loads connected to your battery banks.
- **Wide AC Input Range:** Operates on both 110V / 60Hz and 240V / 50Hz.
- **LED Display:** Easy to use "set and select" menu along with scrolling charger status.
- **Silent Mode:** Disables the cooling fan for total silent operation at night or whenever required. Activation reduces charge output by half and locks out fan for 12 hours.
- **Selectable Battery Type:** Gel, AGM, Flooded, Lithium, Program (Flooded Default).
- **Temperature Sensor:** Battery temperature sensor included with 3-meter cable.



Two Great Stores to choose from...

7 Cemetery Rd,
Mackay QLD 4740
Phone 07 4957 6123

Unit 16, 547 Woolcock St,
Mt Louisa, Townsville QLD 4814
Phone 07 4774 7344

Specifications:

| Charger Output | |
|---|---|
| Output Current (Maximum) | 40A |
| Output Voltage Range | |
| Charge | 14.2 – 15.5 V |
| Float | 13.4 – 13.8 V |
| Equalize | 15.5 V |
| Charging Control | Four stages (Bulk/Absorption/Float/Maintenance) |
| | Two stages (Bulk/Absorption) |
| | Constant Power Supply (Program setting) |
| | Priority Battery Bank Charging |
| DC Output Bank | Three (1 fully independent, 2 common with diode isolation) |
| Selectable Battery Type | Gel, AGM, Flooded, Lithium, Program (Flooded Default) |
| Standby Current | < 2 mA |
| Charger Input | |
| AC Input Operating Range | 207-265 VAC (3.8 A Max) 90-125 VAC (7.7 A Max) |
| Power Consumption | 700W (Full Load) |
| Protection and Features | |
| Reverse Polarity | Yes, (with user replaceable fuse/s) |
| Over Charge | Yes, unit shutdown |
| Over Temperature | Yes, unit de-rated and shutdown |
| Battery Temp Sensor Port | RJ12 (standard battery temp. sensor supplied) |
| Display | |
| LCD Display (with back light) | Charging status, Battery Voltage, Output Current & Fault Codes. |
| AC Input and DC Output Connection | |
| DC Output Connection | Heavy Duty Terminal (3 banks) – Pan Heads 6mm Thread |
| DC Output Ground | Single Heavy Duty Common Ground Stud |
| Environmental and Operating Temperature | |
| Storage Range | -40° to 70° C |
| Operating Range | -20° to 60° C |
| Humidity | 5-95%, relative humidity non-condensing |
| Ingress Protection | IP32 (Basic drip proof in vertical orientation) |
| Base Unit Weight and Dimensions | |
| Weight | 2.6kg |
| Dimensions (L x W x H) | 295 x 206 x 86mm |
| Optional Accessories | Remote Digital Display / Enerdrive Part Number EN3REM |