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| ePOWER Battery Chargers Specifications | | | | | |
| CHARGER OUTPUT | | | | | |
| | | | | | |
| Output Current (Maximum) | 20A | 40A | 60A | 30A | |
| OUTPUT VOLTAGE RANGE | | | | | |
| Charge | 14.2 – 15.5 V | | | 28.4 – 31.0V | |
| Float | 13.4 – 13.8 V | | | 26.8 – 27.6V | |
| – Equalize | 16.0 V | | | 32.0V | |
| 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 | | | | |
| Standby Current | < 2 mA | | | | |
| CHARGER INPUT | | | | | |
| AC Input Voltage (Nominal) | 90 to 265 VAC | | | | |
| AC Input Operating Range | 207-265 Vac (2.0 A Max)90-125 Vac (3.8 A Max) | 207-265 Vac (3.8 A Max)90 – 125 Vac (7.7 A Max) | 207-265 Vac (5.9 A Max)90-125 Vac (11.3 A Max) | 207-265 Vac (5.9 A Max)90-125 Vac (11.3 A Max) | |
| AC Input Frequency Range | 47 – 63 Hz | | | | |
| Power Consumption | 350W (Full Load) | 700W (Full Load) | 1050W (Full Load) | 1050W (Full Load) | |
| Power Factor Correction | Yes | | | | |
| Charger Efficiency | > 82% | | | | |
| PROTECTION AND FEATURES | | | | | |
| Reverse Polarity | Yes, (with user replaceable fuse/s) | | | | |
| Over Charge | Yes, unit shutdown | | | | |
| Over Temperature | Yes, unit de-rated and shutdown | | | | |
| Output Short Circuit | Yes, (with user replaceable fuse/s) | | | | |
| Cooling | Forced air ventilation (thermo controlled fan) | | | | |
| Temperature Setting | Hot, Normal, Cold (no sensor connected) | | | | |
| 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 | | | | | |
| AC Input Connection | IEC with Supplied 1.2M Power Lead | | | | |
| 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: (kg) | 2.4 | 2.6 | 4 | 4 | |
| Dimension: (mm) L x W x H | 295 x 206 x 86 | 295 x 206 x 86 | 356 x 206 x 99 | 356 x 206 x 99 | |
| Optional Accessories | Remote Digital Display / Enerdrive Part Number EN3REM | | | | |
| Regulatory Compliance | Complies with AS/NZS 60335.2.29 Including Australian deviations. | | | | |