

EV Power - BCU-RAPS-x



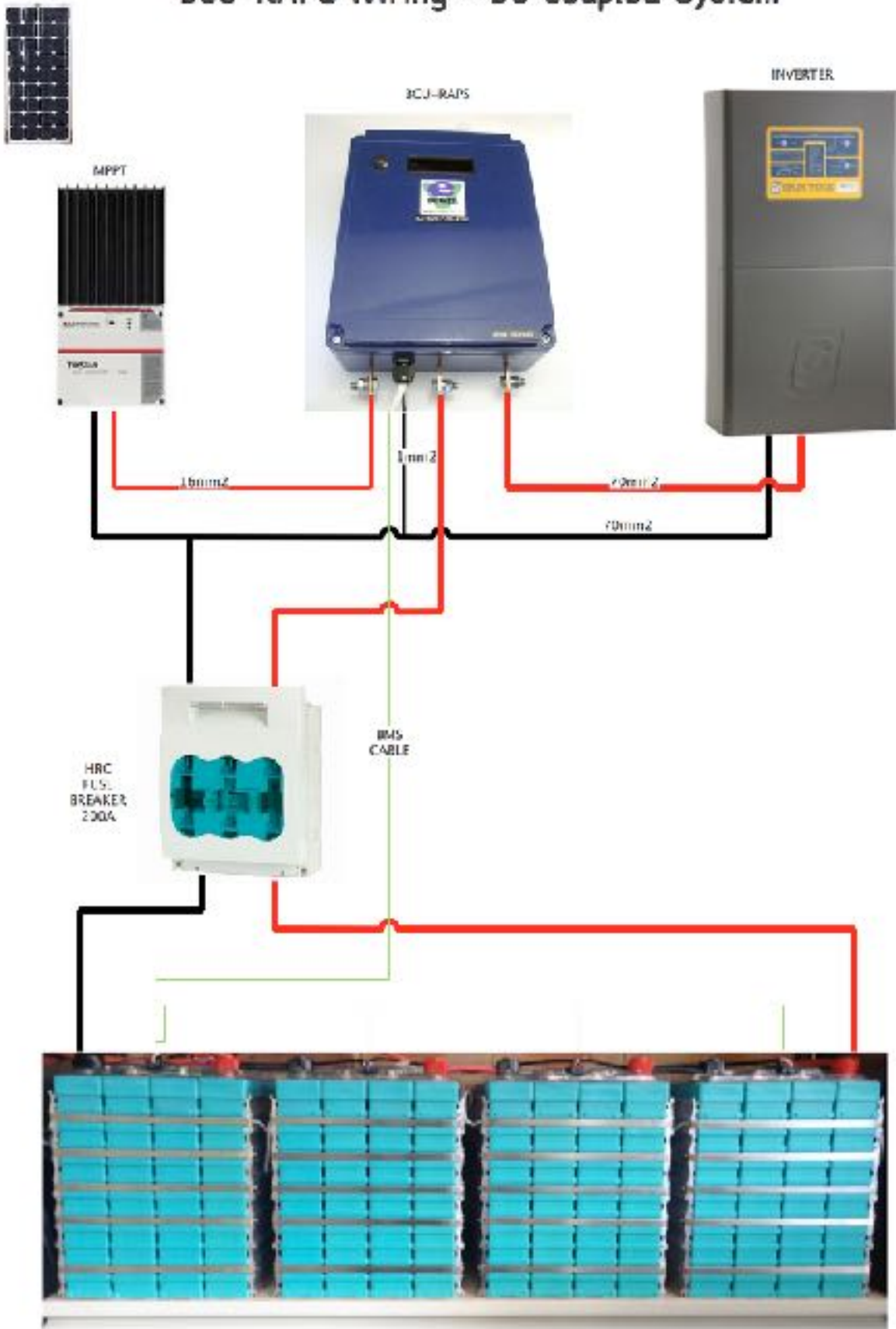
BCU-RAPS Features

- **Simple** to install and use, microprocessor control.
- **Modular** system can be expanded as required.
- for use with **DC Coupled systems**. AC coupled arrangement may be configured.
- **Usable with almost any inverter or solar charge controller** that can charge SLA batteries.
- **Pre-charge control** provides a soft start up to protect inverters and internal relays from power-on surge damage.
- **OLED Monitor Display**, two lines of battery information. Volts, Amps, Amphours, %SOC
- **Inbuilt dual 240A LATCHING relays** for load and charger isolation.
- **Separate relay switching** for over and under voltage conditions. Relays automatically re-engage when normal conditions return
- Prevents overcharge and over-discharge of LFP (LiFePO4) batteries.
- 12-60VDC nominal (4-20 cell) models. Models are preconfigured at the factory.
- BCU-RAPS-xxC-yyyAH where xx is the number of cells and yyy is the total Ah capacity.
- **240A** maximum current capacity.
- **Plug and play** with EV Power Pak 12V batteries.
- Serial (RS-232) data output available.
- Designed for direct control of EV Power A series chargers if required.

BCU-RAPS Specifications

- Supply Voltage - BCU-RAPS-08C 25VDC 200A max
BCU-RAPS-16C 50VDC 200A max
 - Power Consumption - BCU-RAPS-08C 3mA(off), 50mA (on) @ 24VDC
BCU-RAPS-16C 3mA (off), 50mA (on) @ 48VDC
 - Switching current - 100A continuous, 240A max (<10 second burst), charge and discharge.
 - Dimensions - 285 x 205 x 100mm
 - Weight - 1.6kg
 - Environmental - 0 to +50°C
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BCU-RAPS Wiring - DC Coupled System



EV PowerPak battery

