

## MIDNITE MPPT CHARGE CONTROLLER

### *The Barcelona, an MPPT battery charger that doesn't skimp on features!*

The Barcelona (MNBCLNA) is the most powerful and versatile charge controller in its class. Ideal for large size stand alone and grid-tied renewable energy systems.

#### PRODUCT FEATURES

- 200 amp 48V output
- Operating Voltage of 185 to 585 volts
- Ideal for larger DC coupled battery based on-grid and off-grid installations
- Talking MNGP2 display (Canbus) No other display required when coupled with MidNite inverters and other MidNite products
- Rotary knob with push button for ease of navigating menus
- Add on Barcelona Breaker Box (MNBCLNA-BB) protects against excessive battery voltage excursions
- Optional MidNite ComBox communicates with many 3rd party Lithium batteries
- Die cast aluminum enclosure
- Optional plug in UL1699B listed arc fault
- Optional plug in NEC2020 compliant ground fault
- Optional plug in Sunspec compliant Rapid Shutdown transmitter (module or string level)
- BTS included
- 3 aux input/outputs
- Remote battery voltage sense
- Quiet fan cooled. Fans relatively easy to replace
- Companion to the 7000 watt Rosie inverter
- Two PV inputs track independent or as one
- Safety certifications: UL1741, CSA 107.1 and CE low voltage directive EN50178
- 3 year warranty standard. Upgraded to 5 years when paired with the Barcelona Breaker Box
- Built in Arlington, WA USA



### Our new built in talking MNGP2 graphics and programming module

The MNGP2 graphics and programming module allows communication, monitoring and programming of all future MidNite products from a single unit.

The rotary dial provides easy access to all menus and devices on the network as well as the selection of custom programming within the various sub-menus.



## MADE IN THE USA

