

MNB17-5F and MNB17-3F



The MNB17 is one of the most advanced battery based inverter/charger system ever devised. One person installation. Modular construction means no heavy parts to lift and fasten to the wall. Hours of installation time will be saved on each job.

PRODUCT FEATURES

- Two 600V/100A breakered PV inputs, two breakered 80 amp 120/240VAC inputs
- Breakered 80 amp 120/240VAC AC Bypass
- 250 amp battery breaker
- 48V DC
- Battery types supported: Flooded, Gel, AGM, Nickel-Iron, Lithium, NiCad
- Optional communications module to talk to MidNite products and the Internet
- Built in state of charge meter with Whizbang Jr.
- Built in LEDs in the wiring compartment provide lighting for installation
- Talking graphics panel
- System will speak English, Spanish and French
- SPD lightning arrestors included in the MNB17-5F
- Aux inputs and outputs with remote battery voltage and temp sensing
- Off-grid, battery backup grid tie, self-consumption all in one unit
- Meters all with dual scales eliminate the need to hunt for a voltmeter
- Three phase system for International and commercial applications
- Built in Arlington, WA USA

BATTERY BASED INVERTER CHARGER SYSTEM



B17-5F Four Stack



B17-3F Two Stack

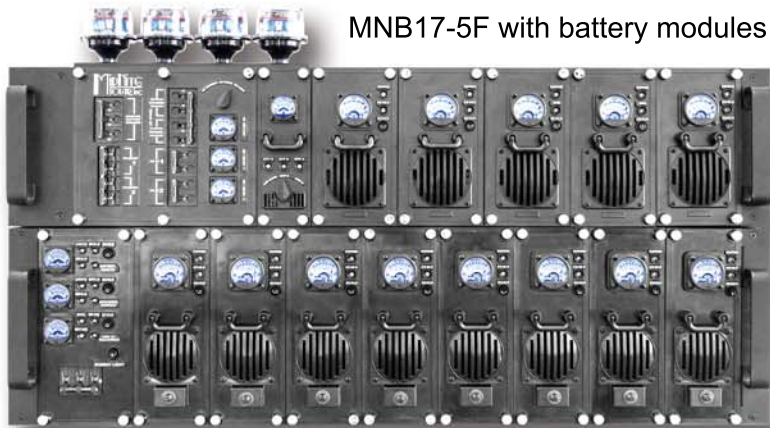
Our inverter/charger and MPPT solar and wind modules are hot swappable and available in various voltage configurations.



MIDNITE SOLAR INC.

MNB17-5F and MNB17-3F

MNB17-5F & MNB17-3F Main Frames for Modular Systems



MNB17-5F with battery modules



MNB17-3F

Inverter/Charger Modules



Designed and Assembled

in the USA

*using as many American
components as feasible!*



MNB17-5F Main Frame Modular System with MNB17-LB48 Lithium Battery Module

Our two mainframes, MNB17-B6F and MNB17-B8F, hold either 6 or 8 battery modules and match the MNB17-3F and MNB17-5F inverter systems. Eight slot mainframe capacity with 9600 watt hours at 52 volts. Six slot mainframe capacity with 7200 watt hours at 52 volts.

MNB17-3F Main Frame Modular System

The MNB17-3F is exactly the same as the MNB17-5F except the MNB17-3F only has one PV input, one AC input & no SPD's.

Inverter/Charger Modules

- Up to five 2.5kW inverter/charger modules, up to two 8000 watt MPPT modules depending on field configuration
- Three or five power bays depending on model
- Redundant power modules do not take the system down if one fails
- Battery monitoring system provides visual and audible battery condition alerts



MNB17-5 & Battery Box

www.midnitesolar.com

19115 - 62nd Ave. NE., Arlington, WA. 360-403-7207 FAX: 360-691-6862