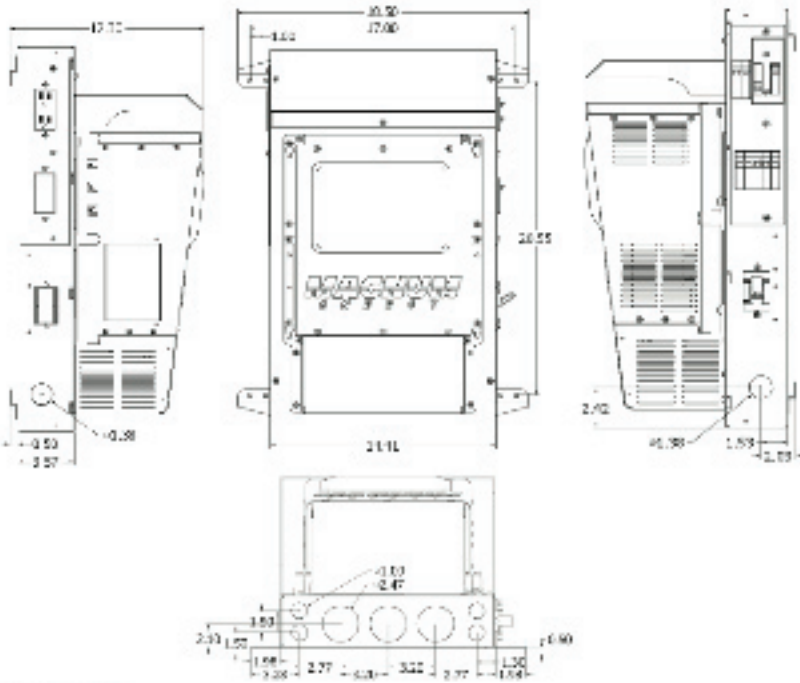


# Midnite Solar E-Panel (Magnum Version)



**FINISHED ASSEMBLY**

**FEATURES**

- Small size compared to existing disconnect and over current solution
- Pre-wired to save time, money and complexity. All field wiring connections clearly labeled
- White powder coated aluminum or standard gray powder coated steel
- Easily expands to accommodate additional inverters
- Six slots for din rail breakers, PV, Wind, Hydro, AC distribution
- Pre-wired 50 amp 240VAC rated Inverter AC bypass switch
- Pre-wired 50 amp 240VAC rated AC Input disconnect
- Bus bars for Battery Plus, Battery Minus and ground
- Mounting hardware for Inverter and charge controller
- Mounting brackets for hanging E-Panel on wall
- Heavy duty 175 amp AC distribution block
- ETL listed to UL and Canadian standards
- Standard Right hand hinged door to mount inverter
- Knockouts for AC and DC conduits
- Charge control bracket (CCB)
- Cut outs for two GFCI outlets
- DC Inverter battery breaker
- Internal inverter cables

**MODEL NUMBER CODE:**

MNE.....175.....ST or AL.....M  
 Midnite E-Panel DC Inverter breaker Steel or Aluminum Magnum

Model No.	Sinewave Inverters	Modified Inverters
MNE250STM	MS2012, MS2012, MS4024	RD3024
MNE250ALM	MS2012, MS2012, MS4024	RD3024
MNE175STM		RD1824, RD2824
MNE175ALM		RD1824, RD2824

- OPTIONS:**
- MNEleftdoorSTM - Left hand hinge steel door wright hand CCB
  - MNEleftdoorALM - Left hand hinge aluminum door wright hand CCB
  - MNEPV63 - 63 amp 125VDC din rail mount breaker
  - MNDC-GFP - 63 amp DC GFP breaker assembly with 1/2amp trip

**Stacking horizontal or vertical is ea**

- Knock outs align top and bottom for vertical stacking
- Left hand door required for horizontal stacking
- Exhaust opening shield included



- Inverter Cable Cover included
- Charge controllers mount between E-Panels
- Convection air cooling for increased power and charging

The information provided on this document is for informational purposes only. It is not intended to be used as a substitute for professional engineering or electrical design services. See www.midnitesolar.com for the evolution of the E-Panel

ETL tested an open E-Panel door with 360 pounds installed