

## Major Heavy Inrush Quasi-Sine Inverters (250 VDC)

**MHI (Major Heavy Inrush)** Series Inverters are transformer-based, heavy duty industrial quality inverters. **MHI** units provide worry-free, service-free solutions for any inverter requirement for the operation of pumps, motors, and general electrical equipment. Used on service vehicles, steel mills, mobile cranes, railroads, and other industrial machinery. UL and cUL listed. **MHI** Quasi-Sine units are available in 12, 24, 32, 36, 48, 64, 125, 250, 300, and 600 VDC inputs.



### Product Specifications

<b>Output Frequency</b>	60 Hz $\pm$ 0.05%
<b>Output Waveform</b>	Quasi sine-wave
<b>Operating Temp</b>	0 to 104°F
<b>Efficiency</b>	Up to 92%
<b>Warranty</b>	One full year parts and labor

### Product Features

#### Design Features

- ▶ UL and cUL Listed
- ▶ Solid, rugged, industrial unit
- ▶ Transformer-based
- ▶ Thermally-controlled cooling fan
- ▶ AC hardwire hookup
- ▶ Remote ON/OFF switch hookup
- ▶ WaveForm Stabilizer
- ▶ 120/240 VAC - D Option
- ▶ Battery Charger & Transfer Switch Option

#### Unit Protection

- ▶ GFCI outlet protection
- ▶ Electronic short circuit/overload protection
- ▶ Automatic high temperature shutdown
- ▶ Output circuit breaker
- ▶ Automatic low battery shutdown (with in-rush delay)

### Model Selection Guide

MHI 250VDC	MHI-250/1000	MHI-250/2000	MHI-250/3000D	MHI-250/5000D	MHI-250/7000D	MHI-250/9000D
<b>Output Voltage</b>	120 VAC	120 VAC	120/240 VAC	120/240 VAC	120/240 VAC	120/240 VAC
<b>Output Power (Watts Continuous)</b>	1000	2000	3000	5000	7000	9000
<b>Output Current (A)</b>	Up to 8.3	Up to 16	Up to 25	Up to 41.6	Up to 58	Up to 75
<b>Peak Output</b>	3000 W	6000 W	9000 W	15,000 W	21,000 W	21,000 W
<b>Horsepower Rating</b>	1/3	3/4	1½	2	3	3
<b>Input Voltage</b>	250 VDC	250 VDC	250 VDC	250 VDC	250 VDC	250 VDC
<b>Input Current (A)</b>	Up to 5	Up to 10	Up to 15	Up to 25	Up to 35	Up to 45
<b>Weight (lbs)</b>	44	55	65	110	125	125
<b>Case Size (inches)</b>	15.5 x 16 x 7.5		16 x 17 x 10	18 x 20 x 12.75		