

Major Heavy Inrush Quasi-Sine Inverters (300 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 utility vehicles, service trucks, 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**

Output Frequency	60 Hz \pm 0.05%
Output Waveform	Quasi sine-wave
Operating Temp	0 to 104°F
Efficiency	Up to 92%
Warranty	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 300VDC	300/1000	300/2000	300/3000	300/5000	300/7000
Output Voltage	120 VAC	120 VAC	120 VAC	120 VAC	120 VAC
Output Power (Watts Continuous)	1000	2000	3000	5000	7000
Output Current (A)	Up to 8.3	Up to 16	Up to 25	Up to 41.6	Up to 58.3
Peak Output	3000 W	6000 W	9000 W	15,000 W	21,000 W
Horsepower Rating	1/3	3/4	1½	2	3
Input Voltage	300 VDC	300 VDC	300 VDC	300 VDC	300 VDC
Input Current (A)	Up to 4.2	Up to 8.4	Up to 12.5	Up to 20.8	Up to 29.2
Weight (lbs)	44	55	65	110	125
Case Size (inches)	15.5 x 16 x 7.5		16 x 17 x 10	18 x 20 x 12.75	