

Major Heavy Inrush Quasi-Sine Inverters (125 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

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 125VDC	MHI-125/750	MHI-125/1500	MHI-125/2500	MHI-125/3500D	MHI-125/6000D	MHI-125/8000D	MHI-125/10000D
Output Voltage	120 VAC	120 VAC	120 VAC	120/240 VAC	120/240 VAC	120/240 VAC	120/240 VAC
Output Power (Watts Continuous)	750	1500	2500	3500	6000	8000	10,000
Output Current (A)	Up to 6.2	Up to 12.5	Up to 20.8	Up to 29	Up to 50	Up to 66	Up to 83
Peak Output	2250 W	4500 W	7500 W	10,500 W	18,000 W	24,000 W	25,000 W
Horsepower Rating	1/3	3/4	1 1/2	2	3	3	3
Input Voltage	125 VDC	125 VDC	125 VDC	125 VDC	125 VDC	125 VDC	125 VDC
Input Current (A)	Up to 7.5	Up to 15	Up to 25	Up to 35	Up to 60	Up to 80	Up to 100
Weight (lbs)	33	44	55	65	110	125	140
Case Size (inches)	15.5 x 16 x 7.5			16 x 17 x 10	18 x 20 x 12.75		