

Major Heavy Inrush Quasi-Sine Inverters (36 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 36VDC	MHI-36/500	MHI-36/1200	MHI-36/2100	MHI-36/3200D	MHI-36/5800D	MHI-36/8000D
Output Voltage	120 VAC	120 VAC	120 VAC	120/240 VAC	120/240 VAC	120/240 VAC
Output Power (Watts Continuous)	500	1200	2100	3200	5800	8000
Output Current (A)	Up to 4.2	Up to 10	Up to 17.5	Up to 27	Up to 48	Up to 66
Peak Output	1500 W	3600 W	6300 W	9600 W	17,400 W	24,000 W
Horsepower Rating	1/6	1/3	1	2	3	3
Input Voltage	36 VDC	36 VDC	36 VDC	36 VDC	36 VDC	36 VDC
Input Current (A)	Up to 17	Up to 42	Up to 73	Up to 110	Up to 200	Up to 270
Weight (lbs)	22	29	50	65	110	125
Case Size (inches)	15 x 8.25 x 7.5		15.5 x 16 x 7.5	16 x 17 x 10	18 x 20 x 12.75	