

Major Heavy Inrush Quasi-Sine Inverters (12 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 12VDC	MHI-12/1800	MHI-12/2200	MHI-12/2500	MHI-12/3000	MHI-12/3500	MHI-12/3600
Output Voltage	120 VAC	120 VAC	120 VAC	120 VAC (120/240 Opt)	120 VAC (120/240 Opt)	120 VAC (120/240 Opt)
Output Power (Watts Continuous)	1800	2200	2500	3000	3500	3600
Output Current (A)	Up to 15	Up to 18	Up to 21	Up to 25	Up to 29	Up to 30
Peak Output	2500 W	4500 W	5500 W	6500 W	9000 W	11,500 W
Horsepower Rating	-	$\frac{3}{4}$	1	1	1 $\frac{1}{2}$	2
Input Voltage	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Input Current (A)	Up to 180	Up to 220	Up to 250	Up to 300	Up to 350	Up to 360
Weight (lbs)	27	42	44	50	49	80
Case Size (inches)	15 x 8.2 x 7.5	15.5 x 16 x 7.5				16 x 17 x 10