

# Master HP UL MHT 300 UL



INPUT	
Voltage	480 V three-phase + N
Frequency	45 / 65 Hz
Frequency tolerance	±2% (selectable from ±1% to ±5% from front panel)
Power factor	> 0.99
Current distortion	<3% THDi
Soft start	0 - 100% in 125" (selectable)

OUTPUT and INVERTER OUTPUT	
Rated power	300000 VA
Active power	300000 W
Number phases	3 + N
Crest factor (I <sub>peak</sub> /I <sub>rms</sub> )	3:1
Waveform	Sinusoidal
Static stability	±1%
Dynamic stability	from ±5% to ±1% in 20 msec.
Frequency	60 Hz
Frequency stability	0.05%
Overload	110% for 60 min.; 125% for 10 min.; 150% for 1 min.

RECTIFIER OUTPUT	
Ripple	Zero

BATTERIES	
Type	VRLA, Wet Cell, NiCd on Racks or Cabinet

ENVIRONMENTAL	
Color	Black
Remote controls	ESD and bypass (configurable)
Communication	Double RS232 + dry contacts + 2 slots for communications interface
Protection rating	IP20
Marks	UL
Other compliances	UL Standard 1778: 5th edition; UL 60950-1 1: Information Technology Equipment - Safety - Part 1: General Requirements; National Electrical Code (NFPA-70); FCC Part 15 Subpart J class A – Radio Frequency; IEC 62040-3; UL 924 and OUST category
Line-Interactive/Smart Active efficiency	up to 98.5%
Noise (at 1 m)	72 dBA
Remote signals	dry contacts (configurable)
Operating temperature	32 – 104 °F / 0 – 40 °C
Relative humidity	<95% non-condensing
Transport	Pallet jack

DATA	
Weight	4961 lbs / 2250 kg
Dimensions (h w d)	75 x 75x 39.5 inches / 1900 x 1900 x 1000 mm