

PHOENIX

UNINTERRUPTIBLE POWER SYSTEM



MA650



MA1200

MA Series

- Line Interactive
- Buck and Boost capability (AVR)
- Easy understandable LED Display

MA SERIES UPS SPECIFICATIONS

MODEL		MA 650	MP 1200
CAPACITY	VA/W	650VA/360W	1200VA/600W
PHYSICAL	Net Weight (kgs) Dimension, DXWXH (mm)	4.4 Kgs. 278 x 100 x 143	8.9 Kgs. 365 x 139 x 195
BATTERY	Output Waveform Backup Time (PC w/ 15" monitor) Recharging Time	12V/7AH x 1pc 10~15 minutes 6 hours max. (Recharge to 90% Capacity)	12V/7AH x 2pc 30 minutes 6 Hours to 90%
INPUT	Voltage Voltage Range	120VAC or 230VAC 89-145VAC / 170-280VAC	
OUTPUT	Voltage Voltage Regulation (Auto Mode) Frequency Frequency Regulation (Auto Mode) Output Waveform (Auto Mode)	110/120VAC or 220/230/240VAC ±10% 50Hz or 60Hz +/-1 Hz Modified Sine Wave	
TRANSFER TIME	Typical AC Mode Battery Mode	4 ms normal, 8 ms max. Green flashing	2-6 ms typical, 10 ms max. Green lighting Yellow flashing
PROTECTION	Full Protection	Discharge, Overcharge, and overload protection	Short-Circuit & Overload Protection
AUDIBLE ALARM	Battery Mode Low Battery at Battery Mode Overload Fault	Sounding every 10 seconds Sounding every second Sounding every 0.5 second Continuously Sounding	
ENVIRONMENT	Operating Environment Noise Level	0- 40°C, 0-90 % Relative Humidity (non-condensing) Less than 40dB	
INTERFACE		RJ 11 and USB	RJ 45 and USB