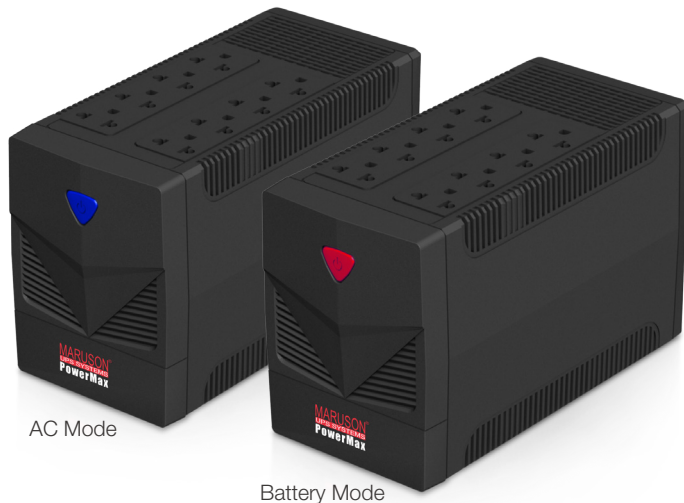


# MARUSON<sup>®</sup>

## UPS SYSTEMS

### PowerMax Series



MAX-650A

## FEATURES

- 650VA line interactive UPS
- Controlled by a technologically advanced microprocessor guaranteeing high reliability
- DC cold start function enables UPS to be started without AC power supplied
- Enable / Disable battery mode audible alarm
- UPS will shut down upon battery low; UPS will restart automatically upon AC recovery (auto-restart)
- Equipped with two-boost and one-buck AVR to stabilize output voltage
- Constant current, constant voltage battery charger (CC / CV Battery Charger)
- UPS will charge itself even though power switch is off (Off mode charging)
- Over / Under voltage protection (UPS will go to battery mode)
- Generator compatible

## APPLICATIONS

- Personal Computers
- Network Devices
- P.O.S
- Alarm & Phone Systems



## POWERMAX LINE INTERACTIVE UPS SPECIFICATION

<b>MODEL</b>	<b>MAX-650A</b>
Capacity	650 VA / 360 W
<b>INPUT</b>	
Voltage	110 / 115 / 120 VAC or 220V / 230 / 240 VAC
Voltage Range	-30% +25%
Frequency	50 Hz or 60 Hz (Auto-Sensing)
<b>OUTPUT</b>	
Voltage Regulation	AC mode / Battery normal : 110 / 115 / 120 VAC or 220 / 230 / 240 VAC + / - 10%
Frequency	AC mode: 47-53 Hz for 50 Hz or 57-63 Hz for 60 Hz, Battery mode: 50 Hz or 60 Hz + / - 1 Hz
Waveform	Simulated sine wave
Transfer Time	< 6ms (typical)
Outlets	Nema 5-15R or Universal Nema * 4pcs with back-up + 4pcs surge only
<b>BATTERY</b>	
Battery Type & Quantity	12 V / 4.5 AH*1pc
Backup Time (Basic PC)	Up to 23 minutes
Recharge Time	5 hours to 90% after complete discharge
Safety Protection	Overcharge & over-discharge protection
Advanced Battery Management	Yes
<b>DISPLAY</b>	
LED Status Indicators	AC normal: Blue; Battery back-up: Red
<b>AUDIBLE ALARM</b>	
Battery Mode	Two short tones every 8 seconds
Low Battery	Four short tones every second
Overload	Red LED: Flashing, Buzzer: Beeping continuously
Fault	Beeping continuously
<b>PHYSICAL</b>	
Dimension (D x W x H) (mm / in)	210 x 98 x 131 / 8.27 x 3.86 x 5.16

Product specifications are subject to change without further notice.

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