

# MARUSON<sup>®</sup>

## UPS SYSTEMS

### Micro UPS Series



MIC-1250A(S) / 1650AS / 2200AS

MIC-500A / 650A / 850A / 1000A

## FEATURES

- Multiple LEDs indicates UPS statuses, including normal, charging, back-up, battery low, fault, and overload
- Two-boost and one-buck AVR to stabilize input voltage
- Advanced battery management increases longevity, performance, and reliability
- Auto restart while AC is recovering
- DC cold start function
- Off-mode charging function
- USB communication port with power management software (AS model only)
- Friendly battery door design for easy batteries replacement (1250 VA ~ 2200 VA)
- 140 ~ 295 VAC wide input voltage range version (Optional for 220 V / W models)

## APPLICATIONS

- Desktop PCs
- Point of Sale (POS)
- Surveillance & Security
- Telephone Equipment



## MICRO LINE INTERACTIVE UPS SPECIFICATION

MODEL	MIC-500A	MIC-650A	MIC-850A	MIC-1000A	MIC-1250A(S)	MIC-1650AS	MIC - 2200AS
Capacity	500 VA / 280 W	650 VA / 360 W	850 VA / 480 W	1000 VA / 550 W	1250 VA / 720 W	1650 VA / 990 W	2200 VA / 1320 W
<b>INPUT</b>							
Voltage	110 / 115 / 120 VAC or 220 / 230 / 240 VAC						
Voltage Range	80 ~ 145 VAC or 154 ~ 280 VAC standard (Optional 140 ~ 295 VAC wide range version for 220 / 230 / 240 VAC models)						
Frequency	50 / 60 Hz (auto sensing)						
<b>OUTPUT</b>							
Voltage	110 / 115 / 120 VAC or 220 / 230 / 240 VAC						
Frequency	50 / 60 Hz						
Voltage Regulation (Battery Mode)	±10%						
Frequency Regulation (Battery Mode)	±1 Hz						
Waveform (Battery Mode)	Simulated sine wave						
Outlets	8 Outlets (4 battery backup + surge & 4 surge only)				10 Outlets (5 battery backup + surge & 5 surge only)		
<b>BATTERY</b>							
Battery Type & Number	12 V / 4.5 Ah x 1	12 V / 7 Ah x 1	12 V / 7.2 Ah x 1	12 V / 9 Ah x 1	12 V / 7.2 Ah x 2	12 V / 9 Ah x 2	12 V / 9 Ah x 2
Backup Time (60W)	Up to 24 minutes	Up to 34 minutes	Up to 38 minutes	Up to 48 minutes	Up to 85 minutes	Up to 95 minutes	Up to 100 minutes
Charging Voltage	13.7 VDC ±2%	13.7 VDC ±2%	13.7 VDC ±2%	13.7 VDC ±2%	27.4 VDC ±2%	27.4 VDC ±2%	27.4 VDC ±2%
Recharge Time	5 hours to 90% after complete discharge						
<b>TRANSFER TIME</b>							
Typical	< 6ms (typical)						
<b>PROTECTION</b>							
AC Surge Protection	175 Joules						
Phone / Fax / Network Surge Protection	N / A				RJ-11 / 45 combo port (1 in & 1 out)		
<b>MANAGEMENT</b>							
USB Port (AS Model Only)	N / A				Supports Windows® 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10 / Linux / Unix / Mac OS®		
<b>PHYSICAL</b>							
Dimension (D x W x H) (mm / in)	315.5 x 100 x 141 / 12.4 x 3.9 x 5.6				343 x 135 x 208 / 13.5 x 5.3 x 8.2		
Weight (kg / lb)	3.5 / 7.7	4.3 / 9.5	5.2 / 11.5	5.7 / 12.6	8.1 / 17.9	9.7 / 21.4	11.4 / 25.1

Product specifications are subject to change without further notice.

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