



MT-SERIES OFFLINE UPS



450VA ~ 2000VA

CSM Distribution Sdn Bhd (1030516-T)
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MT-SERIES OFFLINE UPS



450VA~2000VA

PRODUCT FEATURES

- Excellent Microprocessor Control Optimizer Reliability
- Built Super Smart Charger, Shorten Charging Time
- Boost and Buck AVR for Voltage Stabilization
- Simulated Sine Wave
- Auto Restart while AC is recovering
- Power-On Self Test
- Built-in Self Diagnostic function
- Intelligent Battery Management
- Optional No Load Shut-Down
- Humanized Alarm System
- Compatible with Generator Set (optional)
- Optional RS232/USB Communication Port and RJ11/RJ45 Protection

REAR PANEL

- AC Input
- Output Socket (Selectable)
- Tel/Modem/Fax Surge Protection (RJ11/RJ45) optional
- USB/RS232 Communication (optional)
- AC Fuse / Breaker (optional)



Applications



MT-SERIES ONLINE UPS

• TECHNICAL DATA

Model	MT450	MT650	MT850	MT1000B
Capacity	450VA/240W	650VA/360W	850VA/480W	1000VA/600W
Material	Plastic			
Input				
Voltage	110/120 VAC or 220/230/240 VAC			
Voltage Range	86-230 VAC or 140-285 VAC			
Frequency Range	60/50Hz (Auto sensing)			
Output				
Range	110/120 VAC or 220/230/240 VAC			
AC Voltage Regulation (Bat Mode)	±10%			
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz			
Transfer Time	Typical 2-6ms			
Waveform (Bat Mode)	Simulated Sinewave			
Power Factor	0.6			
Battery				
Battery Type and Number	12V 4.5AH x 1	12V 7AH x 1	12V 9AH x 1	12V 9AH x 1
Floating Charging Voltage	13.7VDC			
Charging Ability	4-6 hours recover to 90% capacity			
Offline Charging	Yes			
Cold Start	Yes			
Protection				
Full Protection	Overload, short circuit, discharge and overcharge protection			
LED Indications				
Line Mode	Green lighting			
Battery Mode	Flashing every 4 seconds			
Charging				
Fault	Green lighting			
Sound Alarm				
Battery Mode	Sound every 4 second			
Low Battery	Sound every 1 second			
Fault	Keep sounding			
Dimension (LxWxH) mm	280 x 100 x 140			
Net Weigth (kgs)	3.35	4.25	4.9	4.9
Environment				
Humidity	0-90% Relative Humidity 0-40°C (Non-condensing)			
Noisy Level	Less than 40dB			
Remarks				
Weight per box	3.67	4.6	5.15	5.15
Box size	325 x 140 x 220mm			
Qty per master carton	4 pcs			
Master carton size	335 x 300 x 460mm			
NW/kgs	14.9	17	19.6	19.6
GW/kgs	15.5	18.4	20.6	20.6
Container quantity	1X20			
	2200pcs			
Container quantity	1X40			
	4500pcs			

MT-SERIES ONLINE UPS

• TECHNICAL DATA

Model	MT1000	MT1200	MT1500	MT2000
Capacity	1000VA/800W	1200VA/720W	1500VA/900W	2000VA/1200W
Material	Metal			
Input				
Voltage	110/120 VAC or 220/230/240 VAC			
Voltage Range	86-230 VAC or 140-285 VAC			
Frequency Range	60/50Hz (Auto sensing)			
Output				
Range	110/120 VAC or 220/230/240 VAC			
AC Voltage Regulation (Bat Mode)	±10%			
Frequency Range (Bat Mode)	60Hz or 50Hz ± 1Hz			
Transfer Time	Typical 2-8ms			
Waveform (Bat Mode)	Simulated Sinewave			
Power Factor	0.8			
Battery				
Battery Type and Number	12V 7AH x 2		12V 9AH x 2	
Floating Charging Voltage	27.4VDC			
Charging Ability	4-6 hours recover to 90% capacity			
Offline Charging	Yes			
Cold Start	Yes			
Protection				
Full Protection	Overload, short circuit, discharge and overcharge protection			
LED Indications				
Line Mode	Green lighting			
Battery Mode	Red lighting			
Charging	Yellow lighting			
Fault	Red lighting			
Sound Alarm				
Battery Mode	Sound every 4 second			
Low Battery	Sound every 1 second			
Fault	Keep sounding			
Dimension (LxWxH) mm	380 x 123 x 193			
Net Weigth (kgs)	9.3	9.68	11.6	12.5
Environment				
Humidity	0-90% Relative Humidity 0-40°C (Non-condensing)			
Noisy Level	Less than 40dB			
Remarks				
Weight per box	9.63	10.36	12	13.2
Box size	460 x 225 x 300mm			
Qty per marster carton	2pcs			
Martser carton size	460 x 430 x 260mm			
NW/kgs	18.6	19.36	23.2	25
GW/kgs	19.25	20.06	23.95	25.7
Container quantity	1X20			
	1000pcs			
Container quantity	1X40			
	2000pcs			