



UPS

Elite / Maverick



Elite3000U SMART



Elite2000U SMART



MAVERICK
650



MAVERICK
850/1050



MAVERICK
1550



Line Interactive UPS

- Microprocessor control guarantees high reliability
- Equipped with Boost and Buck AVR
- Green Power Function for energy saving
- DC Start Function
- Auto restart while AC recovery
- Compact size, Light Weight
- Provides AC Overload protection

Main Features

- Built-in super smart charger, shorten charging time
- Boost and Buck AVR for voltage stabilization
- Simulated sinewave output
- Auto restart while AC is recovering
- Auto sensing AC input frequency
- Wide AC input voltage range
- Built-in self diagnostic function
- Off mode charging function
- Intelligent battery management
- Humanized alarm system
- Compatible with generator set
- Excellent Microprocessor Control Optimizes Reliability
- Short Circuit, Overload and Overcharge protection

Rear Panel

- AC input
- Output Socket
- AC Fuse/Breaker

Built-in AVR

Stabilizes output voltage and enhances battery life as UPS works in Main Mode on very high or low voltage conditions.

Generator Compatible

According to the real electric circumstances, UPS can be compatible to the generator, ensure that the generator output is efficient and reliable to provide power to UPS.

Audible Alarm

Audible alarm for backup/ low battery / overload mode.





UPS MAVERICK

650 / 850 / 1050 / 1550

Specification

Model	Maverick 650	Maverick 850	Maverick 1050	Maverick 1550
Capacity	650VA/390W	850VA/510W	1050VA/630W	1550VA/930W
Input				
Voltage	220 -230VAC	220-240VAC		
Voltage Range	140 -290VAC	140-300 VAC		
Frequency	50 / 60Hz			
Current	2.8A Max	3.6A Max	4.8A Max	7.2A Max
Output				
Voltage Regulation (Bat.Mode)	+/-10%			
Frequency	50 / 60Hz			
Waveform	Simulated Sine wave			
Battery				
Battery Type	12V / 7.5AH x 1	12V / 9AH x 1	12V / 9AH x 1	12V / 8.2AH x 2
Charging ability	6 hours recover to 90% capacity			
Transfer Time				
Typical	2-6ms			
Protection	Short circuit, Overload, Battery discharge and overcharge, Surge Protection			
Indications				
Line Mode	Green lighting			
Battery Mode	Yellow flashing			
Fault	Red Lighting			
Audible Alarm				
Battery Mode	Sounding every 10 sec			
Battery low	Sounding every 1 sec			
Overload	Sounding every 0.5 sec			
Fault	Continuous sounding			
Environment				
Humidity	0-90% relative Humidity 0-40°C (Non-condensing)			
Noise Level	Less than 40dB			
Dimension, D*W*H (mm)	297 x 101 x 1142	283 x 101 x 140	283 x 101 x 140	313 x 129 x 175

LEDS INDICATOR

PROBLEM	PROBLEM CAUSE	SOLUTION
No LED display on the front panel	Low Battery	Charge the UPS at least at least 6 hours
	Battery Fault	Replace the battery with the same type of battery
	The UPS is not turned on	Press the switch again to turn on the UPS
Alarm continuously sounds when the main is normal	The UPS is overload	Remove some loads first. Before reconnecting equipment, please verify that the load matched the UPS capability specified in the specs
When power fails, backup time is shorten	The UPS is overload	Remove some critical load.
	Battery voltage is too low	Charge the UPS at least 6 hours
	Battery defect. It might be due to high temperature operation environment, or improper operation to battery	Replace the battery with the same type of battery
The main is normal but LED is flashing	Power cord is loose	Reconnect the power cord properly



Elite UPS

2000U SMART / 3000U SMART


Specification

MODEL		
Capacity (VA/Watts)	2000VA/1200W	3000VA/1800W
INPUT		
Nominal Voltage	220VAC / 240VAC	
Voltage Range	140VAC-300VAC	
Frequency	50/60Hz	
Phase	Single Phase	-
Socket	Built in cable with Fuse	-
Cold Start	Press the ON/OFF switch (0%-100% load)	-
OUTPUT		
Output Voltage	220VAC / 240VAC	
Voltage Regulation	Battery mode: $\pm 10\%$	
Waveform	Battery mode: Simulated sinewave / AC mode: Synchronize with input	Modified sinewave
Rating Frequency	Line mode: Synchronize with the utility / Battery mode: 50Hz/60Hz	
Rear Output Socket	Battery backup: 4 x Universal	
BATTERY		
Battery Type	12V/9AH x 2	12V/9AH x 4
Charging Time	6-8 hours to recover to 90% capacity	
Charge Current	Normal mode: About 1A	
Charging Voltage	27.4VDC	54.8VDC
SYSTEM FEATURES		
Transfer Time	4-8ms	10ms
Audible Alarm	Battery mode: Sounding every 10 sec / Battery low: Sounding every 1 sec / Overload: Sounding every 0.5 sec / Fault: Continuous sounding	
LED INDICATIONS		
Line Mode / AC Mode	Green lighting	UPS in AVR mode, this LCD symbol flashes
Battery Mode	Yellow flashing	When AC input voltage is abnormal, this LCD symbol lights
Fault	Red lighting	This LCD symbol lights when UPS in fault mode, such as output shorted, over charge, over load
SHORT CIRCUIT PROTECTION		
Line Mode	Fuse and firmware protection	
Battery Mode	Software protection controlled by firmware	
OVERLOAD PROTECTION		
Line Mode	Load > 110% + 20% / - 10% after 5 minutes and go to fault,	Load > 110% + 20% / - 10% after 5 minutes and go to fault, Load > 120% + 20% / - 10% shut down immediately and go to fault.
Battery Mode	Load > 120% + 20% / - 10% shut down immediately and go to fault, Load > 100% + 10% / - 10% shut down immediately.	Load > 110% $\pm 5\%$ shut down after 5 secs Load > 120% $\pm 5\%$ shut down immediately.
ENVIRONMENTAL		
Humidity	0-95% Relative Humidity 0-40°C (Non-condensing)	
Noise Level	Less than <45dB	Less than <40dB
PHYSICAL		
Dimension W x D x H (mm)	390 x 125 x 225, Master carton: 460 x 375 x 333 (2pcs)	436 x 145 x 211.7, Master carton: 525 x 225 x 320 (1pcs)
Net Weight (kgs)	12.7 ± 0.3	22.9 ± 0.3

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