Mercury ™

ELITE 2000 PRO / 2000U SMART

Line Interactive

PREMIUM Quality
MERCURY UNIQUE LABEL

ECO FRIENDLY
ECO FRIENDLY

FEATURES

Auto restart
Surge protection
Overload protection
Overcharge protection
Short circuit protection
Intelligent battery management
Built-in-AVR
Battery deep discharge protection

UPS
Elite2000U SMART

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SPECIFICATIONS ━━━━

Capacity (VA/Watts)	2000VA/1200W

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: ±10%
Waveform	Battery mode: Simulated sinewave
	AC mode: Synchronize with input
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
Charging Time	6-8 hours to recover to 90% capacity
Charge Current	Normal mode: About 1A
Charging Voltage	27.4VDC

SYSTEM FEATURES

Transfer Time	4-8ms
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	Green lighting
Battery Mode	Yellow flashing
Fault	Red lighting

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.
Battery Mode	Load>120%+20%/-10% shut down immediately and go to fault, Load>100%+10%/-10% shut down immediately.

ENVIRONMENTAL

Humidity	0-90% Relative Humidity 0-40°C (Non-condensing)
Noise	Level Less than <45dB

PHYSICAL

Dimension W x D x H (mm)	390 x 125 x 225, Master carton: 460 x 375 x 333 (2pcs)
Net Weight (kgs)	12.7±0.3