

◀MESTA UPS SPECIFICATIONS 500VA TO 1250VA▶

INPUT

Voltage • 120VAC - 15% + 10%
Frequency • 60Hz ±5Hz (Input frequency range is programmable via RS232 port)

OUTPUT

Voltage (AC line) • 120VAC ± 6%
Voltage (on inverter) • 120VAC ±1%
Crest Factor Capability • 3.0-4.0
Output Power Factor Limitations • None
Frequency (AC line) • follows input
Frequency (on inverter) • 60Hz ±.01Hz
Frequency Slew Rate • 1-255Hz/sec
(programmable via RS232 port)
Total Harmonic Distortion < 1%
Efficiency • >92% overall at full load
Overload Rating • 150% for 1 min.
• 300% for 1 second

OVERLOAD PROTECTION

Output electronically current limited to 300% full load rating
*400% full load rating
Fuses provide backup protection to electronic current limit
Over temperature protection

BATTERY

Sealed maintenance-free 5 year expected life

INDICATORS AND CONTROLS

LEDs • Indicate UPS On, On Line, On Battery, Battery Status, and Overload status
Audible alarm • indicates loss of AC line, low battery or overload
Reset Switch • silences alarm, resets overloads and is used to initiate UPS in-service battery test
Power ON/OFF switches
RS232 Interface for remote communications of status and diagnostics

PHYSICAL

Operating Temp • 0° C to 40° C ambient without derating
Storage Temp • -20° C to 40° C
Thermal • cooling fan as required
Audible Noise • 35 dBA
Line Cord • 6' detachable black 3 wire ground with NEMA 5-15P plug
Output Receptacles • 4 NEMA 5-15R
RS232 Port • Interface for remote communications

OPTIONS

-B: Automatic bypass to AC line in event of internal UPS problem.
-H: Hospital grade plugs/receptacles
-I: Complete line-to-load transformer isolation (increases dimensions / slightly decreases efficiency)
Dry contact relays for external UPS status indication.
50 Hz Models
208 or 240 V models in all ranges

NOTE: For any of the above options, consult factory.