

Uninterruptible Power Supply (UPS) Power Conditioning Unit†

CODAR Product Code: UPS1500-220V or UPS1500-120V

Product Description:

An Uninterruptible Power Supply (UPS) connecting the SeaSonde unit to power source (e.g. wall plug) will provide a layer of protection to electronics from power surges that come from power line and also provide for continued quality performance through power fluctuations (sometimes referred to as “brownouts”). UPS is rated at least 1500VA (1050 watts). The UPS is intended to only provide power conditioning to the SeaSonde. Neither air-conditioning unit nor any other electronics operating at site should be connected to the UPS. UPS is intended for indoor use only.

UPS Features: 1050 Watts / 1500 VA, Interface Port DB-9 RS-232, Extended runtime model, Rack Height 2 U
Select from one of: CODAR Product Code UPS1500-120V Input 120V / Output 120V, OR the CODAR Product Code UPS1500-220V Input 220V / Output 220V

Includes: CD with software, Documentation CD, Installation guide, Smart UPS signaling RS-232 cable, USB cable, User Manual.

UPS1500-120V Technical Specifications †

UPS Output

Output Power Capacity: 1050 Watts / 1500 VA
Max Configurable Power: 1050 Watts / 1500 VA
Nominal Output Voltage: 120V
Output Voltage Distortion: Less than 3% at full load
Output Frequency (sync to mains): 50/60 Hz +/- 3Hz user adjustable +/- 0.1
Crest Factor: up to 5 : 1
Waveform Type: Sine wave
Output Connections: (6) NEMA 5-15
Bypass: Built-in bypass

UPS Input

Nominal Input Voltage: 120V (for UPS1500-120V)
Input Frequency: 50/60 Hz +/- 5 Hz (auto sensing)
Input Connections: NEMA 5-15P
Cord Length: 1.83 meters
Input voltage range for main operations: 92 - 147V
Input voltage adjustable range for main operations: 90 - 150V
Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time: 3 hour(s)
Typical Backup Time at Half Load: 22.2 minutes (525 Watts)
Typical Backup Time at Full Load: 8.6 minutes (1050 Watts)

Communications & Management

Interface Port(s): DB-9 RS-232, Smart-Slot, USB
Available SmartSlot™ Interface Quantity: 1
Control panel: LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and

Overload Indicators, LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible Alarm: Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO): Yes

Surge Protection & Filtering

Surge energy rating: 540 Joules
Filtering: Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical Dimensions

Max.: 432mm H x 85mm W x 559mm D
Rack Height: 2U
Net Weight: 27.5 KG

Environmental

Operating Environment: 0 - 40 °C
Operating Relative Humidity: 0 - 95%
Operating Elevation: 0-3000 meters

Storage Temperature: -20 - 50 °C
Storage Relative Humidity: 0 - 95%
Storage Elevation: 0-15000 meters
Audible noise at 1 meter from surface of unit: 45.00 dBA
Online Thermal Dissipation: 393.00 BTU/hr

†Specifications and appearance are given as guidelines and may change without notice.



CODAR Product Code
UPS1500†