



ECH1000RMi2U Product Datasheet

The Uniti Power Echo series delivers reliable online double-conversion protection in a compact 2U rack-mount design. Built for networking, security, retail and distributed IT, Echo provides clean, stable power where space is limited and uptime matters.

Key Features

- ◆ True online double-conversion
- ◆ Compact 2U short-depth rack design
- ◆ High 0.9 output power factor
- ◆ Wide input voltage window - 90 to 275 VAC
- ◆ Extended runtime options
- ◆ Programmable LCD interface
- ◆ Zero-transfer protection
- ◆ EPO % R00 support
- ◆ Quiet Operation

MODEL	
Product Code	ECH1000RMi2U
EAN	7864858495240
INPUT	
Nominal Voltage	HV: 208/220/230/240VAC
Frequency	50/60Hz
Voltage Range	HV: 90-275VAC±5VAC
Frequency Range	(40-70)±0.5Hz
Input Power Factor	>0.99
Bypass Voltage Range	HV: 187-265V/ (120-275VAC Max)
Input Connection	IEC-C14
OUTPUT	
Capacity	1000VA/900W
Power Factor	0.9
Nominal Voltage	208V/220/230/240VAC, 230V Default
Voltage Regulation	+/-1%
Frequency Range	50/60Hz +/-0.05%
Over Load	100%-105% continuous. 60Sec.@105%-130% Rated Load
Voltage Distortion (THDv)	<2% @ linear load
Output Waveform	Pure Sine Wave
EFFICIENCY	
Line Mode	89%
Battery Mode	85%
BATTERY	
Nominal Voltage	24V
Battery Type	12V/9AH
Number of Internal Batteries	2
Rated Battery Voltage	24V DC
Charging Current	1A
Recharge Time (to 90%)	5 hours
TRANSFER TIME	
Battery Mode <-> Inverter Mode	0ms
Inverter Mode <-> Bypass Mode	<4ms
ECO Mode <-> Battery Mode	<10ms
DISPLAY	
LCD	Programmable LCD
ALARM	
Audible Alarm	Yes
Protection Function	AC input or output above or below the range of voltage, overload, over temperature and short circuit protection.
PROTECTION	
Full Protection	Discharge, overcharge and overload protection
PHYSICAL	
Product Dimensions WxHxD	439.8 x 88 x 428 mm
Packaged Dimensions WxHxD	570 x 540 x 185 mm
Product Weight	13 kg
Packaged Weight	15.2 kg
ENVIRONMENT	
Operating Temperature	Operating Temperature
Regulation	CE
Noise Level	<50dB (ISO 7779 @ front 1m distance, without buzzer)
IP Rating	IP20
INTERFACE	
RS232/USB	Yes
External Slot	Yes, short-depth for optional UPNETG2S Card
Emergency Power Off	Yes
WARRANTY	
Standard Warranty	3-year parts/1-year batteries

