

# COR-UPS-1500VA Datasheet

<b>MODEL</b>	COR-UPS-1500VA	
Capacity	1500 VA 900 W	
<b>INPUT</b>		
Voltage	240 V	
Frequency	50 / 60 Hz ± 10% (auto-sensing)	
<b>OUTPUT</b>		
Voltage	240 Vac ± 10%	
Frequency	50 / 60 Hz ± 1% (auto-sensing)	
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave	
Transfer time	Typical 2 ~ 7 ms, 10 ms max.	
<b>BATTERIES</b>		
DC voltage	24 V	
Configuration	12 V / 8.0 Ah x 2	
Recharge time	6 ~ 8 h	
<b>OTHERS</b>		
Protections	Short circuit - battery overcharge – overdischarge – overload - surge	
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)	
Noise level	≤ 45 dB (1 m)	
Metal case	Net / Gross weight (kg)	11.3 / 11.7
	Dimensions (W x D x H) (mm)	125 x 320 x 225
	Packaged dimensions (W x D x H) (mm)	180 x 390 x 295

## Features

- LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self-test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections

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