

Uninterrupted Power Supply (UPS)



Perfectly Fits for Data processing and Transmission

- True double-conversion
- 1 U compact size
- Output power factor: 0.8
- ENERGY STAR compliance
- ECO mode for energy saving



Model	UPS-1500	UPS-2000	UPS-1500	UPS-2000
Power Rating	1.44 KVA / 1.44 KW	2 KVA / 1.6 KW	1.5 KVA / 1.44 KW	2 KVA / 1.6 KW
Classification	VFI-SS-111			
MTBF	100 kHrs			
Dimensions (H x W x D)	44 x 440 x 552 mm			
Weight without Batteries	9.5 kg			
Weight with Batteries	12.5 kg			
Electrical Characteristics-Input				
Rated Input Voltage	100 V / 120 V _{AC} (Default) / 127 V _{AC}		200 V / 208 V / 220 V / 230 V (Default) / 240 V _{AC}	
Voltage Tolerance	± 3 %			
Rated Input Frequency and Frequency Tolerance	50 / 60 Hz, tolerance +- 5 HZ			
Rated Input Current (RMS)	12 A	14.7 A	7 A	7.7 A
Maximum Input Current (RMS)	12 A	15.9 A	8 A	9.5 A
Input Current Distortion at Rated Input Current	8% THDi at full-load ; 10% THDi at half-load			
Input Power Factor	> 0.97 (Full computer load / full charger)			
Inrush Current	< 200 A			
Number of Input Phases	Single-phase input			
Generator Compatible	Twice UPS rated power			
Electrical Characteristics-Output				
Waveform	Sine waveform			
Crest Factor	3:1			
Transfer - Normal Mode / Battery Mode	No break			
Transfer - Economy Mode	4 - 7 ms (AC to DC) ; 4 ms (DC to AC)			
Rated Output Voltage	100 V _{AC} , 120 V _{AC} (Default), 127 V _{AC}		200 V / 208 V / 220 V / 230 V (Default) / 240 V _{AC}	
Rated Output Current (RMS)	12 A	16.7 A	6.52 A	8.7 A
Output Voltage Variation (RMS)	± 3% V			
Rated Output Frequency (Nominal)	50 Hz / 60 Hz			
Output Frequency Variation (Synchronized, if Applicable)	± 5 Hz (Default) ± 1 Hz with slew rate (1 Hz/s)			
Total Voltage Distortion - Across a Linear Load	3% THDv			
Total Voltage Distortion - Across a Reference PFC Load (PF > 0.9)	8% THDv			
Individual Harmonics Voltage	IEC61000-3-2 / Class A			
Overload Capability	On-Line Mode, Battery Mode and Converter Mode: 1 min.: > 106-120% load / 10 sec.: > 126-150% load / 200 msec.: > 150% load			
Number of Output Phases	Single-Phase			
Dynamic Voltage Regulation and Recovery Time	Follow IEC 62040-3 Classification 1			
Heat Dissipation (@100% Rated Load)	1440 W	1600 W	1440 W	1600 W
Max. Heat Dissipation	546 BTU/ hr.	606.5 BTU / hr.	674 BTU / hr.	694.5 BTU / hr.



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