



* DS1000E / DS1000EL /
DS2000E / DS2000EL /
DS3000E / DS3000EL /
DS6000E / DS6000EL

DS1000E / DS2000E / DS3000E / DS6000E DS1000EL / DS2000EL / DS3000EL / DS6000EL High-Frequency Online UPS

Features

- * **Online Working Mode:** All changeable structures, high output stability rate, zero out-off time.
- * **Intelligent RS232 Communications Functions:** To supervise and control the conditions of power supply and UPS through OPTI-UPS powersoft power supply supervision and control software. Also supporting OPTI-UPS SNMP network adapting apparatus to enhance the reliability of the system.
- * **High Input Power Factor:** The advanced PFC control technology to ensure input power factor larger than 0.95 when the output is full-loaded, so as to reduce the load on the power network.
- * **Minimized Size:** To enhance reliability of operation and reduce costs for the user.
- * **High Efficiency and Low Wearing:** Efficiency higher by 10%, less energy consumption, lesser noise and longer usage life.
- * **Full-range of Protection Functions:** Provision of super-high output voltage protection, low battery protection, trio super-high current protection and super-high input voltage protection, to enhance the adaptability to utility power supply and impact proof and ensure the safe operation of the user's equipment and the UPS.
- * **Three-Classes Over-Current Protection**
- * **Input Over-Voltage Protection**

Specifications

MODEL NAME	DS1000E	DS1000EL	DS2000E	DS2000EL	DS3000E	DS3000EL	DS6000E	DS6000EL
INPUT								
AC voltage range	160 ~ 275 Vac							
Input Frequency range	50 +/-5 % Hz							
Number of phases	Three lines in single phase							
Battery voltage (Vdc)	36		72		96		120	
OUTPUT								
Power	1000VA		2000VA		3000VA		6000VA	
Voltage	230 +/-2% V							
Frequency	50 +/-0.2% Hz (battery mode)						50 +/-0.1% Hz (battery mode)	
Wave form	Sine wave THD < 3% (Linear load)							
Switching Time	0 ms							
Overload capacity	105%~130% Load, lasting 60 seconds. 135%~150% Load, lasting 30 seconds. ≥150% lasting 300 milliseconds						105%~125% Load, lasting 60 seconds. 125%~150% Load, lasting 30 seconds. ≥150% lasting 300 milliseconds	
Output mode	Sockets		Sockets and Terminal				Terminal	
OTHER FEATURES								
Charge recovery time	<12 hours (Standard time delay model)							
Communications interface	RS232 interface supports UPS power management software and SNMP protocol							
Panel display	LED displays operation status of UPS						LED displays operation status and LCD displays parameter of UPS	
Warning functions	Battery low voltage, abnormal power supply, UPS malfunction							
Protection function	Battery low voltage protection, overload protection, short-circuit protection and excess temperature protection							
Noise (dB)	< 45						< 55	
Working temperature	0 - 40 °C							
Relative humidity	0~95% No condensation							
Dimensions (L x W x H) (mm)	465 x 155 x 225		490 x 198 x 347				637 x 253 x 680 637 x 253 x 500	
Weight (kg)	15	8.5	32	17	38	18	94.5	36

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