

Durable Series

High-efficiency, double-conversion UPS with scalable runtimes.

The new DS-I Series UPS provides premium double-conversion backup power and scalable battery runtimes for varied applications.

The entire DS-I Series provides value to customers with demanding power environments, including very wide input voltage range, extremely tight output voltage regulation, frequency regulation, internal bypass, and input power factor correction. It perfectly serves their purpose in servers, workstation and appliances.

DS-I 1K-10K

Features

- Zero transfer time
- Wide range of input frequency (40~70Hz) and Output frequency 50/60Hz setting
- High-performance DSP processor, precision and fast data processing with high reliability
- Cold start (DC power on)
- Auto restart functions
- Extended battery pack for long service time
- RS232 and USB port
- Intelligent card slot available



Front Panel



- A** LCD
- B** On/off
- C** Func

Rear Panel

DS6000I / DS10000I



- 1** USB (OPTION)
- 2** RS232
- 3** EPO
- 4** FANS
- 5** Cable Protector
- 6** Bypass Breaker
- 7** Parallel Ports
- 8** Reserved function
- 9** Intelligent Slot
- 10** Input Breaker
- 11** Cold Start

Rear Panel

DS1000I



220/230/240V



220/230/240V (Optional)

DS3000I



220/230/240V



220/230/240V (Optional)

DS2000I



220/230/240V



220/230/240V (Optional)

- 1** RS232
- 2** EPO
- 3** Intelligent slot
- 4** USB
- 5** Input current protector
- 6** Input
- 7** Network surge protection
- 8** Outlets
- 9** Battery connector
- 10** Output terminal

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DS-I 1K-10K

Specification

Model Name		DS1000I	DS2000I	DS3000I	DS6000I	DS10000I
Topology		True On-Line Double Conversion				
On-battery Output Waveform		Pure Sine Wave				
Maximum Capacity		1000VA / 900W	2000VA / 1800W	3000VA / 2700W	6000VA / 1800W	10000VA / 9000W
Crest Ratio		3:1				
INPUT						
Nominal Voltage		220 / 230 / 240Vac (Settable)				
Nominal Frequency		50 / 60Hz (Settable)				
Nominal Voltage Range		176-228Vac				
Nominal Frequency Range		40-70Hz				
OUTPUT						
Nominal voltage		220 / 230 / 240Vac (± 1 %, battery mode)				
Nominal Frequency		50 / 60Hz (± 0.1 %, battery mode)				
Transfer Time	Line to Battery Mode	0ms			0ms	
	Inverter to Bypass	2ms				
Start on Battery		Yse				
Auto Restart		Yes				
Number of Outlets (Battery backup)		4 (IEC 10A)	4 (IEC 10A)	4 (IEC 10A) / Terminal	Termimal	Termimal
Maximum Effeciency (Line mode & Battery fully charged)		86%	91%	91%	94%	95%
PROTECTION						
Data Line Surge Protection		RJ11/RJ45				
Overload Capability	Line Mode	105%~130%:shutdown after 1mins, 131%~150%:shutdown after 30s			105%~130%:shutdown after 5mins, 131%~150%:shutdown after 1mins	
	Battery Mode	105%~130%:shutdown after 10s, 131%~150%:shutdown after 5s			105%~130%:shutdown after 1mins, 131%~150%:shutdown after 30s	
Over Current Protection		Circuit Breaker				
BATTERY						
Configuration		36V(12V7Ah x 3)	72V(12V7Ah x 6)	96V(12V7Ah x 8)	192V(12V7Ah x 16pcs)	192V(12V9Ah x 16pcs)
Backup Time (80% Load)		4~6mins	6~8mins	6~8mins	3~5mins	4~6mins
Recharge Time to 90%(Typical)		<8 Hours				
Extended Battery Pack (Optional)		BP 1KIL 36V(12V7Ah x 6)	BP 2KIL 72V(12V7Ah x 6)	BP 3KIL 96V(12V7Ah x 16)	BP 6KIL 192V(12V7Ah x 16)	BP 10KIL 192V(12V9Ah x 16)
INDICATOR & ALARM						
Display		LED+LCD (Rectifier/Bypass/Inverter/Battery)				
Alarm		Battery mode / UPS faults / Overload				
INTERFACE						
Communication port		RS232 and USB				
SNMP Manageable		Yes (Optional)				
ENVIRONMENTAL						
Operation Temperature		0~40°C / 32~104°F				
Storage Temperature		0~70°C / -32~158°F				
Relative Humidity		0~95% Non condensing				
MECHANICAL						
Dimension (W×D×H)	Physical	144×353×222mm	190×374×336mm	190×426×336mm	190×426×705mm	190×485×705mm
	Packing	240×448×320mm	310×495×440mm	310×547×440mm	310×547×850mm	310×547×850mm
Weight	Net	12Kg	21Kg	25.6Kg	56Kg	60Kg
	Packing	13Kq	22.5Kq	27.5Kq	60Kq	65Kq

Specifications are subject to change without notices.

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