

Durable Series

DS1000I / DS2000I / DS3000I

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

The new DS-I Series UPS provides premium double-conversion backup power and scalable battery runtimes for IT and electrical engineering infrastructure in corporate, healthcare, banking and industrial applications.

The entire DS-I Series provides value to customers with demanding power environments, including very wide input voltage window, extremely tight output voltage regulation, frequency regulation, internal bypass, and input power factor correction. Which is perfectly serve their purpose in Servers & Workstation, appliances and small business users.

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 reboot functions.
- Extended battery pack for long service life.
- RS232 and USB port
- SNMP card slot available

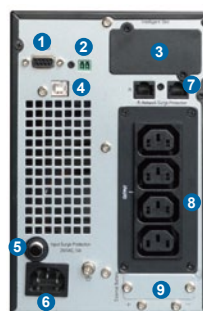


Front Panel



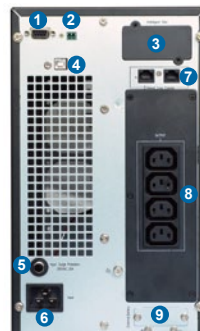
Rear Panel

DS1000I



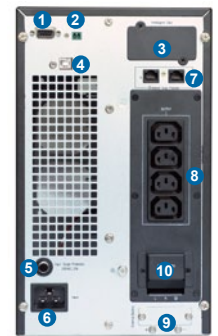
220/230/240V

DS2000I



220/230/240V

DS3000I

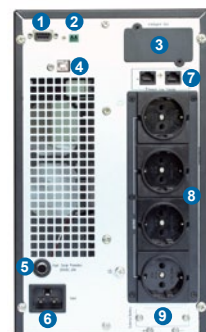


220/230/240V

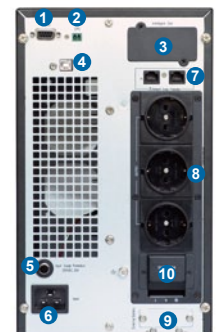
- 1 RS232
- 2 EPO
- 3 Intelligent slot
- 4 USB
- 5 Input current protector
- 6 Input
- 7 Network surge protection
- 8 Outlets
- 9 Battery connector
- 10 Output terminal



220/230/240V (Optional)



220/230/240V (Optional)



220/230/240V (Optional)

Durable Series

DS1000I / DS2000I / DS3000I



Protect and Serve

Specification

Model Name	DS1000I		DS2000I		DS3000I	
Topology	True On-Line Double Conversion					
On-battery Output Waveform	Pure Sine Wave					
Maximum Capacity	230V	1000VA / 900W	2000VA / 1800W	3000VA / 2700W		
	120V	800VA / 720W	1500VA / 1350W	2000VA / 1800W		
INPUT						
Cold Start	230V, default frequency=50Hz or settable 120V, default frequency=60Hz or settable					
Phase	Single phase(1P2W+G)					
Transfer Voltage Range	220 / 230 / 240Vac, 110 / 115 / 120 / 127Vac					
Input Power Factor(Full Load)	≥0.97					
Input Frequency Range	40~70Hz					
OUTPUT						
Nominal voltage	220 / 230 / 240Vac, 110 / 115 / 120 / 127Vac					
Voltage regulation(battery mode)	± 1 %					
Frequency (Battery mode)	50±0.1 Hz (default)					
Number of Outlets (Battery backup)	2x0V	4 (IEC 10A)	4 (IEC 10A)	4 (IEC 10A)+ terminal		
	1x0V	4(NEMA 15A)	8 (NEMA 5-15)	8 (NEMA 5-15)		
PROTECTION						
Data Line Surge Protection	RJ11/RJ45					
Overload Capability	105%~130%:shutdown after 10s, 150%:shutdown after 5s					
Over Current Protection	Circuit Breaker					
Discharge Protection	Keylock					
BATTERY						
Configuration	2x0V	36V(12V7Ah x 3)	72V(12V7Ah x 6)	96V(12V7Ah x 8)		
	1x0V			72V(12V7Ah x 6)		
Backup Time	6mins @80% load					
Recharge Time to 90%(Typical)	4Hours					
Extended Battery Pack (Optional)		BP-1000(7Ah) 36V(12V7Ah x 6)	BP-2000(9Ah) 72V(12V9Ah x 6)	BP-3000(9Ah) 2X0V: 96V(12V9Ah x 16) 1X0V:72V(12V9Ah x 6)		
INDICATOR & ALARM						
Display	LED+LCD (Rectifier/Bypass/Inverter/Battery)					
Alarm	Battery mode / UPS faults / Overload					
INTERFACE						
Communication port	RS232 and USB					
SNMP Manageable	Yes					
ENVIRONMENTAL						
Operation Temperature	0~40°C / 32~104°F					
Storage Temperature	-20~60°C / -4~140°F					
Relative Humidity	0~95% Non condensing					
MECHANICAL						
Dimension (W×D×H)	Physical	144×353×222mm	190×374×336mm	190×426×336mm		
	Packing	240×448×320mm	285×470×420mm	285×521×420mm		
Weight	Net	12kg	21kg	25.6kg		
	Packing	13kg	22kg	27kg		
Battery Pack Dimension (W×D×H)	Physical	144×353×222mm			DC72V: 144×353×222mm DC96V: 190×502×335mm	
	Packing	240×448×320mm			DC72V: 240×448×320mm DC96V: 285×616×420mm	
Battery Pack Weight	Net	16kg	20kg	DC72V: 20kg DC96V: 47kg		
	Packing	17kg	21kg	DC72V: 21Kg DC96V: 48.5kg		

Specifications are subject to change without notices.

OPTI-UPS USA:
Tel: +1-909-869-5700
Fax: +1-909-869-5730
info@opti-ups.com

**OPTI-UPS Australia
& New Zealand:**
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312
info@opti-ups.com.tw

OPTI-UPS Europe:
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312
info@opti-ups.com.tw

OPTI-UPS Germany:
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312
info@opti-ups.com.tw

OPTI-UPS Middle East:
Tel: +9714-8819-838
Fax: +9714-8819-938
mea@opti-ups.com

OPTI-UPS Japan:
Tel: +81-3-3629-5782
Fax: +81-3-5682-0652
japan@opti-ups.com

OPTI-UPS Asia:
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312
info@opti-ups.com.tw

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