

Designed for:

Office Servers
Datacenters
Storage Systems
Voice/Data Networks
Laboratory Products
Light Industrial Applications



RT 1-3K

**SDC RT HV
1-10KVA UPS**



RT 6-10K

HIGH POWER DENSITY RACK-TOWER 2-IN-1 TRUE ONLINE DOUBLE CONVERSION UPS

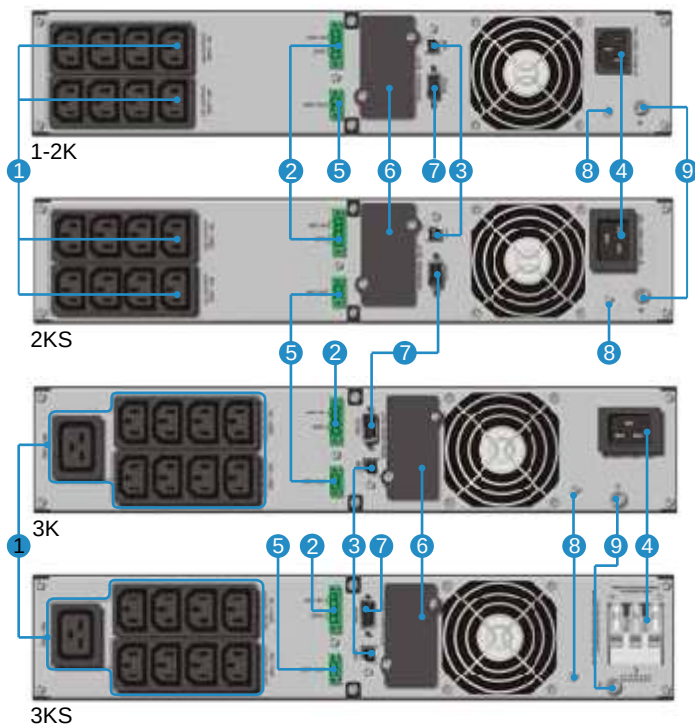
A multipurpose UPS dedicated to protect critical equipment from the toughest power conditions

The SDC Rack/Tower 2-IN-1 On-Line UPS offers high density, true double-conversion on-line power protection for servers, voice / data networks, medical labs, and light industrial applications up to 10kVA. It provides protection from blackouts, brownouts, voltage fluctuations, surges, harmonic distortion and other troublesome power problems. When additional runtime is required, SDC models can be configured with matching external battery packs for expandable runtime demands. All units can be configured with UPSwing software to provide unattended shutdown of network operating systems, remote battery check and current run-time confirmation, including an intelligent slot for remote management options. The SDC Series delivers an efficient, clean, reliable power source for all demanding power environments, encompassing a very wide voltage and frequency input window, extremely tight a slim +/- 2% voltage regulation output, internal bypass switch, and >0.99% input power factor correction. The real time LCD interface offers a graphical display that provides all critical UPS information in a single view. The user-friendly menu allows you to view information and control settings with the push of a button. Capture data such as alarm history, runtime remaining and load percentage.

FEATURES

- DSP Control
- 0.9 Output Power Factor
- Wide Input Range
- High Efficiency Mode (ECO)
- Frequency Converter Mode
- Input THDi<5%
- Output Voltage Regulation <1%
- Output THDv<2%
- Auto Self-Testing System
- Extendable Run Time
- Power Management Software
- Dual input (for 6-10kVA)
- DB-9, USB and SNMP Communications
- Optional SNMP & Relay Cards
- Compact Design
- PDU (for 6-10kVA)
- 1+1 Parallel for (for 6-10kVA)
- Pure Sinewave Output
- Real-Time LCD Display
- Zero Transfer Time
- 2 Year Warranty
- 4 Year Battery Replacement Program

1-800-882-8285

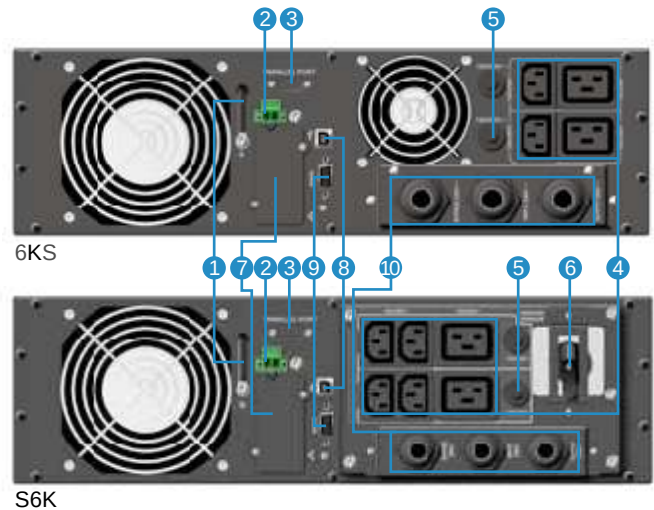


1-3K REAR PANEL DESCRIPTION

1. AC OUTPUT
2. EPO/Dry-Contact Input Port
3. USB Port
4. AC Input
5. Dry-Contact Port
6. Intelligent Slot
7. RS232 Port
8. Modem/Network Surge Protection
9. Earth Line Port

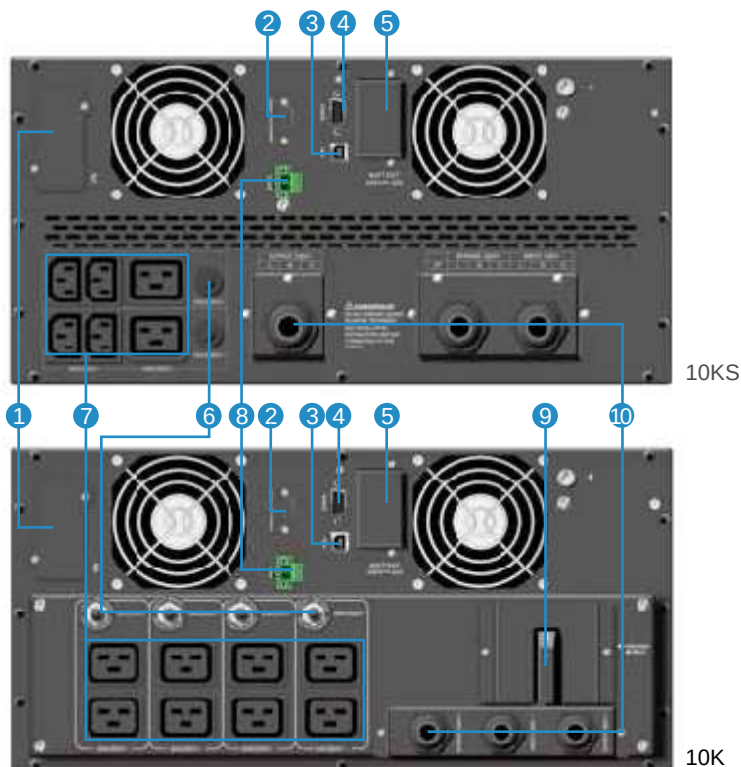
6K REAR PANEL DESCRIPTION

1. Ground Screw
2. REPO Port
3. Parallel Port (Optional)
4. Output Socket
5. Output Circuit Breaker
6. Maintenance Bypass Switch
7. Intelligent Slot
8. USB Port
9. RS-232 Port
10. Input/Output Terminal Block



10K REAR PANEL DESCRIPTION

1. Intelligent Slot
2. Parallel Port (Optional)
3. USB Port
4. RS-232 Port
5. External Battery Connector
6. Output Circuit Breaker
7. Output Socket
8. REPO Port
9. Maintenance Bypass Switch
10. Input/Output Terminal Block



SDCRT 1-3KVA UPS SPECIFICATION

MODEL	Model 1000VA/900W, 1500VA/1350W, 2000VA/1800W, 3000VA/2700W									
CAPACITY	VA/W	1000VA/900W		1500VA/1350W		2000VA/1800W		3000VA/2700W		
INPUT	Voltage Range	120~276VAC Depends on Load Level								
	Frequency Range	45-55Hz / 54-66Hz								
	Phase	Single Phase with Ground								
	THDI	< 5% with Full Load								
	Power Factor	≥ 0.99@R Full Load								
	OUTPUT	Voltage	208/220/230/240VAC							
Voltage Regulation		±1%								
Frequency (Synchronized Range)		45-55Hz/54-66Hz								
Frequency(BAT Mode)		50/60Hz±0.2Hz								
Current Crest Ratio		3:1								
Harmonic Distortion		≤ 2% @Linear Load								
		≤ 5% @Non-linear Load								
Output Waveform		Pure Sine Wave								
Overload Capacity		Line Mode	12s @102%-130% Load 1.5s @130%-150% Load 100ms@>150% Load							
	BAT Mode									
EFFICIENCY	Line Mode	>87%				>89%		>90%		
	BAT Mode	>83%				>83%		>86%		
	ECO Mode	>95%				>95%		>95%		
BATTERY	Number of Batteries	3	Depend on The Capacity of External Batteries	4	Depend on The Capacity of External Batteries	4	Depend on The Capacity of External Batteries	6	Depend on The Capacity of External Batteries	
	Battery Type	Sealed, maintenance-free lead acid		Sealed, maintenance-free lead acid		Sealed, maintenance-free lead acid		Sealed, maintenance-free lead acid		
	Backup Time (Full Load)	>5 Minutes		>5 Minutes		>5 Minutes		>5 Minutes		
	Recharge Time	3 Hours to 90%		3 Hours to 90%		3 Hours to 90%		3 Hours to 90%		
	Charging Current(max)	1.5A		6A		1.5A		6A		1.5A
	TRANSFER TIME	LINE <--> BAT	0ms							
INV <--> BYPASS		0ms								
INV -->ECO		1ms								
ECO --> INV		<10ms								
INDICATOR	LCD	Load Level/Battery Voltage/Battery Mode/AC Mode/Bypass Mode Information								
AUDIBLE ALARM	BAT Mode	Sounding Every 4 Seconds								
	Low Battery	Sounding Every Second								
	Fault	Continuously Sounding								
	Overload	Sounding Twice Every Second								
DIMENSION	Rack Case(WxHxD)mm	438×86.5×436						438×86.5×608		
ENVIRONMENT	Operation Environment	0-40?								
	Relative Humidity	0-95% (Non-Condensing)								
	Noise Level	<45dB @ Front 1 Møter		<45dB @ Front 1 Meter		<50dB @ Front 1 Meter				
INTERFACE	RS232/USB	Software Supports Windows Family Linux, Sun Solaris, IBM Aix, Compaq True64, SGIIRIX, FreeBSD, HP-UX, MAC								
	Intelligent Slot	SNMP/AS400/Relay Card								
	EPO	Emergency Power Off								

SDCRT 6-10KVA UPS SPECIFICATION

MODEL			SDC RT 6K	SDC RT 6KS	SDC RT 10K	SDC RT 10KS
CAPACITY	VA/W		6000VA/5400W		10000VA/9000W	
INPUT	Voltage Range		120~276VAC			
	Frequency Range		45-55Hz / 54-66Hz			
	Phase		Single Phase with Ground			
	THDI		< 5% with full load			
	Power Factor		≥ 0.99@R full load			
OUTPUT	Voltage		208/220/230/240VAC			
	Voltage Regulation		±1%			
	Frequency (Synchronized Range)		45-55Hz/54-66Hz			
	Frequency (BAT Mode)		50/60Hz±0.1Hz			
	Current Crest Ratio		3:1			
	Harmonic Distortion		≤ 2% @Linear load			
			≤ 5% @Non-linear load			
	Output Waveform		Pure Sine Wave			
	Overload Capacity	Line Mode	2min @102% ~ 130% 30s @130%~150% 100ms @>150%			
		BAT Mode	10s @102% ~ 130% 100ms @>130%			
EFFICIENCY	Line Mode		>92%		>93%	
	BAT Mode		>89%		>90%	
	ECO Mode		>96%		>97%	
BATTERY	Number of Batteries		15	Depend on the capacity of external batteries	20	Depend on the capacity of external batteries
	Battery Type		Sealed, maintenance-free lead acid		Sealed, maintenance-free lead acid	
	Backup Time (Full Load)		>2.5minutes		>3.5minutes	
	Recharge Time		3 hours to 90%		3 hours to 90%	
	Charging Current (max)		1.0A	8.0A	1.7A	8.0A
TRANSFER TIME	LINE<--> BAT		0ms			
	INV <--> BYPASS		0ms			
	INV-->ECO		1ms			
	ECO--> INV		<10ms			
INDICATOR	LCD		Load level/Battery voltage/Battery Mode/AC Mode/Bypass Mode Information			
AUDIBLE ALARM	BAT Mode		Sounding every 4 seconds			
	Low Battery		Sounding every second			
	Fault		Continuously sounding			
	Overload		Sounding twice every second			
DIMENSION	Rack Case(WxHxD)mm		438x129x594	438x129x594	438x215.5x594	438x215.5x594
ENVIRONMENT	Operation Environment		0-40?			
	Relative Humidity		0-95% (Non-Condensing)			
	Noise Level		<55dB @ Front 1 meter			
INTERFACE	RS232/USB		Software supports Windows Family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGIIRIX, FreeBSD, HP-UX, MAC			
	Intelligent Slot		SNMP/AS400/Relay Card			
	EPO		Emergency Power Off			