

Designed for:

- Servers Rooms
- Data Centers
- Internet service providers
- E-commerce networks
- Industrial Applications
- Commercial Enterprises
 - Telecommunications
 - Engineering

SDC TOWER HV 6-20KVA UPS

**HIGH
PERFORMANCE
TRUE ONLINE
DOUBLE
CONVERSION
UPS**



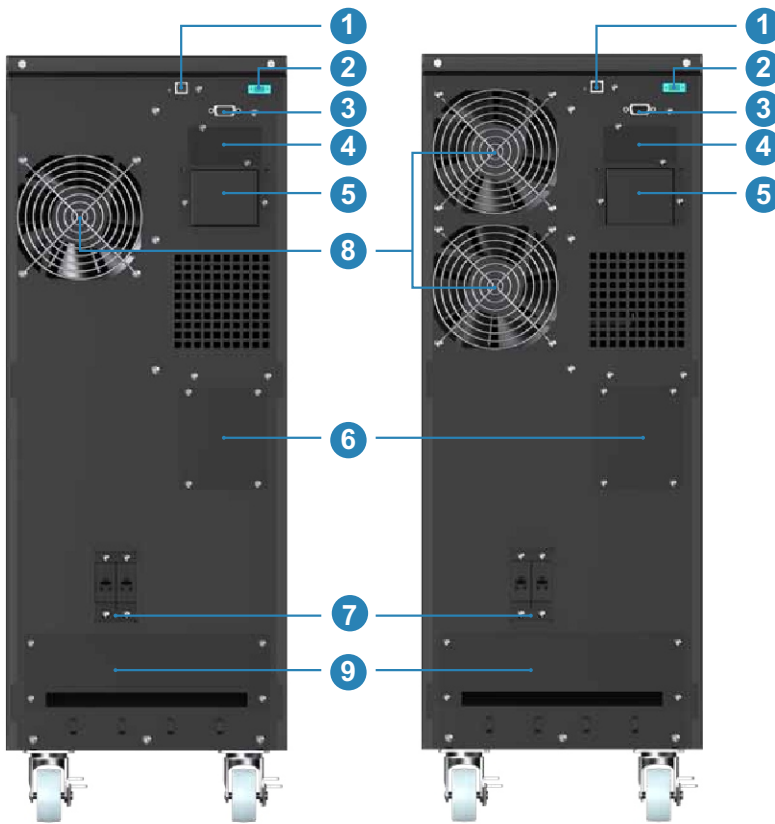
A multipurpose UPS dedicated to protect critical equipment from the toughest power conditions

The SDC Tower 6-20kVA On-Line UPS offers high performance, true double-conversion on-line power protection for critical network applications at corporate servers, banking institutions, medical facilities and industrial complexes. The tower design solution with a LCD touch-screen display that provides unmatched access for UPS monitoring and control. Convenient features such as manual bypass switch and hot-swappable batteries make this UPS ideal for advanced networking applications. All units can be configured with UPSwing software to provide unattended shutdown of network operating systems, remote battery check and current run-time confirmation, and configured with 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 slim +/- 2% voltage regulation output, internal bypass switch, and >0.99% input power factor correction.

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
- Dual input (for 3/1 10kVA/20kVA)
- Power Management Software
- Multiple Communication Ports
- Optional SNMP & Relay Cards
- N+X Parallel Redundancy
- Maintenance Bypass
- Pure Sinewave Output
- Real-Time LCD Display
- Zero Transfer Time
- 2 Year Warranty
- 4 Year Battery Replacement Program

1-800-882-8285

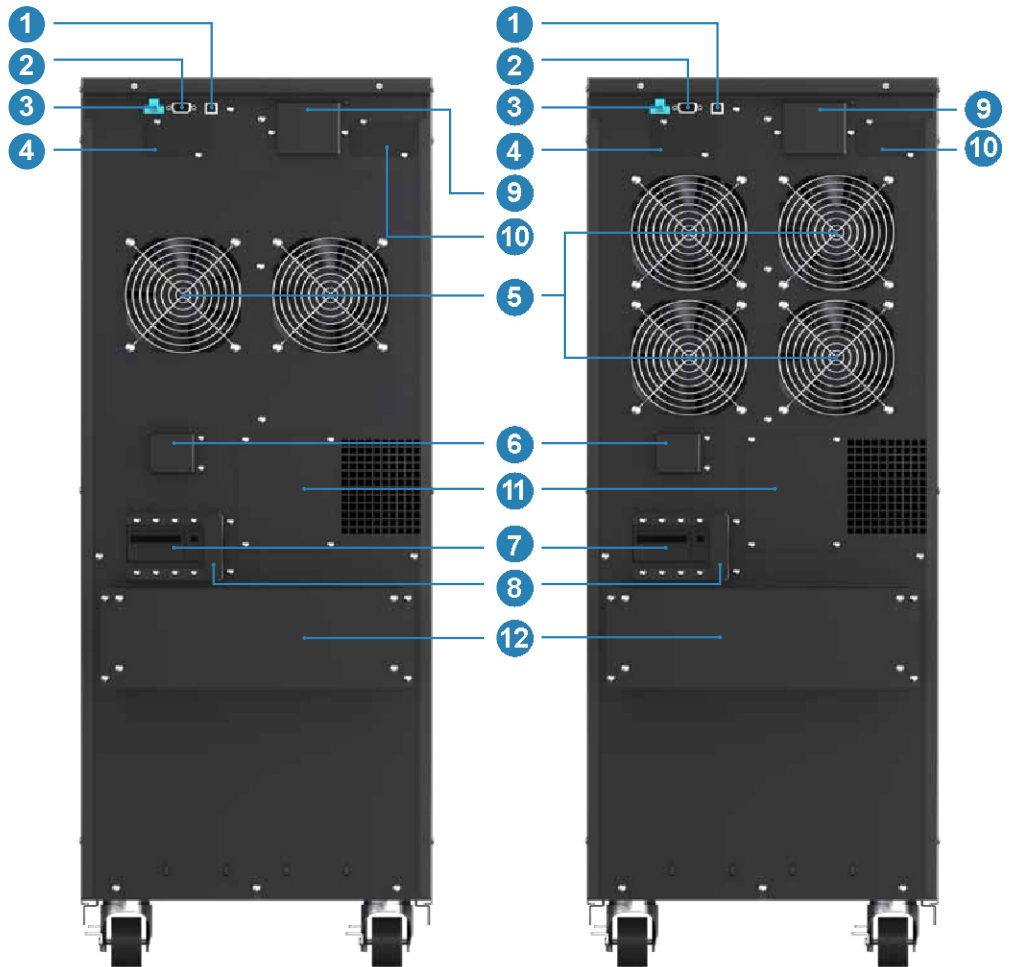


SDC TOWER 6K(S)

SDC TOWER 10K(S)

REAR PANEL

- 1. USB Port
- 2. EPO
- 3. Dry Contact Port
- 4. Intelligent Slot
- 5. Parallel Port (Optional)
- 6. Maintenance Switch
- 7. Input Breaker
- 8. Fan
- 9. Terminal Block (Input/Output/Battery)



SDC TOWER 3/1 10Kva

SDC TOWER 3/1 20Kva

REAR PANEL

- 1. USB Port
- 2. RS232 Port
- 3. EPO
- 4. AS400 Slot
- 5. Fan
- 6. Back Feed Connector
- 7. Input Breaker
- 8. Neutral Switch
- 9. Parallel Port (Optional)
- 10. Intelligent Slot
- 11. Maintenance Switch
- 12. Terminal Block (Input/Output/Battery)

SDC TOWER 6KVA - 10KVA UPS SPECIFICATION

MODEL		SDC 6K	SDC 6KS	SDC 10K	SDC 10KS	
CAPACITY	Voltage	6KVA/5.4KW	6KVA/5.4KW	10KVA/9KW	10KVA/9KW	
INPUT	Acceptable Input voltage	110VAC-276VAC				
	Adjustable Bypass voltage	110VAC-276VAC				
	Frequency Range	45-55Hz / 54-66Hz				
	Phase	Single Phase with Ground				
	THDi	< 5% with R Full Load				
	Power Factor	>0.99@R Full Load				
OUTPUT	VAV	208VAC/220VAC/230VAC/240VAC				
	Voltage Regulation	< 1%				
	Frequency (Synchronized Range)	45-55Hz/54-66Hz				
	Frequency (BAT Mode)	50/60Hz±0.05Hz				
	Current Crest Ratio	3:1				
	Harmonic Distortion	2% @Linear Load				
		5% @Non-linear Load				
	Output Waveform	Pure Sine Wave				
	Overload Capacity	Line Mode	2min @105% ~ 125%			
		BAT Mode	30s @125%~150% 1s @>150%			
PARALLEL	UP to 4					
EFFICIENCY	Line Mode	>92%@Full Load and Battery Fully Charged				
	BAT Mode	>92%@Full Load and 12Vdc/Battery				
	ECO Mode	>96%@Full Load and Battery Fully Charged				
BATTERY	Number of Internal Batteries Per Set	20pcs	Depend on The Capacity of External Batteries	20pcs	Depend on The Capacity of External Batteries	
	Battery Type	Sealed, maintenance-free lead acid		Sealed, maintenance-free lead acid		
	Backup Time (Full Load)	>5minutes		>5minutes		
	Recharge Time	5h Charge to 90%		5h Charge to 90%		
	Charging Current (max)	1.4A	4.0A	1.4A	4.0A	
	Rated Battery Voltage	240VDC				
TRANSFER TIME	LINE <-->BAT	0ms				
	INV <--> BYPASS	0ms				
	ECO--> INV	<10ms				
INDICATOR	LCD	Load Level/Battery Voltage/Battery Mode/AC Mode/Bypass Mode Information				
AUDIBLE ALARM	BAT Mode	Sounding Every Four Seconds				
	Low Battery	Sounding Every Second				
	UPS Fault	Continuously Sounding				
	Overload	Sounding Twice Every Second				
DIMENSION	Tower Case(WxHxL)mm	260 x 708 x 550				
ENVIRONMENT	Operation Environment	0-45℃				
	Relative Humidity	0 ~ 95% (No Condensing)				
	Noise Level	<50dB @ 1 meter				
INTERFACE	RS232/USB	UPSwing for Windows ME / XP/ Vista / 7 / Windows 2000 / 2003 / NT / Server 2008. UPSwing Pro™ for Linux, SCO Unix, Solaris, FreeBSD and Windows with networking capability is available.				
	Intelligent Slot	SNMP/AS400/Relay Card				
	EPO	Emergency Power Off				

SDC TOWER 3/1 10KVA - 20KVA UPS SPECIFICATION

MODEL		SDC 3/1 10K COMBO	SDC 3/1 20K COMBO	
CAPACITY	VA/W	10KVA/9KW	20KVA/18KW	
	Acceptable Input Voltage	110VAC-276VAC Depends on Load Level For Single Phase Input 190VAC-478VAC Depends on Load Level For Three Phase Input		
INPUT	Adjustable Bypass Voltage	110VAC-276VAC		
	Frequency Range	45-55Hz / 54-66Hz		
	Phase	Three Phase with Ground(Combo)		
	THDi	< 5% with R Full Load		
	Power Factor	>0.99@R Full Load		
	Voltage	200VAC/208VAC/220VAC/230VAC/240VAC		
OUTPUT	Voltage Regulation	< 1%		
	Frequency (Synchronized Range)	45-55Hz/54-66Hz		
	Frequency (BAT Mode)	50/60Hz±0.05Hz		
	Current Crest Ratio	3:1		
	Harmonic Distortion	2% @Linear Load		
		5% @Non-linear Load		
	Output Waveform	Pure Sine Wave		
	Overload Capacity	Line Mode	3min @100% 110% 30s @110% 130% 5s @130%~150% 1s @>150%	5min @100% 110% 1min @110% 130% 10s @130%~150% 2s @>150%
		BAT Mode		
	PARALLEL	UP to 4		
EFFICIENCY	Line Mode	>94% @Full Load and Battery Fully Charged		
	BAT Mode	>93% @Full Load and 12Vdc/Battery		
	ECO Mode	>98% @Full Load and Battery Fully Charged		
BATTERY	Number of Internal Batteries Per Set	24pcs*1Group	24pcs*2Group	
	Battery Type	Sealed, maintenance-free lead acid	Sealed, maintenance-free lead acid	
	Backup Time (Full Load)	>5minutes	>5minutes	
	Recharge Time	3h Charge to 90%		
	Charging Current (Max)	2A(Expandable)	4A(Expandable)	
	Rated Battery Voltage	288VDC		
TRANSFER TIME	LINE <--> BAT	0ms		
	INV <--> BYPASS	0ms		
	ECO--> INV	<10ms		
INDICATOR	LCD	Load level/Battery Voltage/Battery Mode/AC Mode/Bypass Mode Information		
AUDIBLE ALARM	BAT Mode	Sounding Every Four Seconds		
	Low Battery	Sounding Every Second		
	UPS Fault	Continuously Sounding		
	Overload	Sounding Twice Every Second		
DIMENSION	Tower Case(WxHxL)mm	350 x 890 x 650		
	Operation Environment	0-45°C		
ENVIRONMENT	Relative Humidity	0 ~ 95% (No Condensing)		
	Noise Level	<55dB @ 1 Meter		
INTERFACE	RS232/USB	UPSwing for Windows ME / XP/ Vista / 7 / Windows 2000 / 2003 / NT / Server 2008. UPSwing Pro™ for Linux, SCO Unix, Solaris, FreeBSD and Windows with networking capability is available.		
	Intelligent Slot	SNMP/AS400/Relay Card		
	EPO	Emergency Power Off		