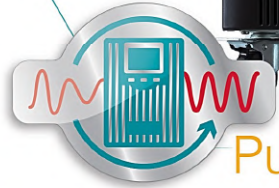




SDN SERIES

1033 XT



Pure Sine Wave

True On-line Double conversion UPS

SDN 1033xt UPS applies advanced technology that increases performance and reliability: two high speed DSPs with completed digital control to ensure high quality of power supply, high input power factor and low input current distortion.

Application

IDC(Internet Data center), ISP, Computer Room, Service Center Precision instruments, Intelligent equipments.

Features

- High efficiency, up to 96%
- High Input PF>0.99; Input current THDI<4%
- Multi-protection, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
- Four circuit breakers, providing full protection when fault happens
- Battery cold start
- Battery management with smart charging control, greatly extend the battery life
- Parallel up to 8 units short-circuit
- Friendly operation interface, high-resolution LCD screen

www.saynaco.com
support@saynaco.com



Specifications

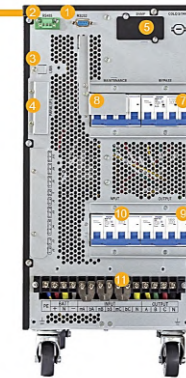
MODEL

SDN 1033XT

Capacity	10kVA	
INPUT		
Dual Input	Standard	
Phase	3 Phase+Neutral+Ground. 380V/400V/415V (line-line)	
Input Voltage Range	304 ~ 478Vac (line-line), full load; 228V~304Vac (line-line), load decreases linearly according to the min phase voltage	
Rate Frequency	50/60Hz	
Input Frequency Range	40Hz ~ 70Hz	
Input PF	>0.99	
Input THDi	<4% (100% Linear load)	
BYPASS		
Rate Voltage	380/400/415Vac (line-line)	
Rate Frequency	50/60Hz	
Input Voltage Range	Settable, -40% ~ +25%	
Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz	
Bypass Overload	125% long term operation; 130% for 10 mins; 150% for 1 min	
OUTPUT		
Rate Voltage	380/400/415Vac (line-line)	
Voltage Regulation	1% for balance load; 1.5% for unbalance load	
Rate Frequency	50/60Hz	
Frequency Precision	0.1%	
Output PF	1	
Output THDu	<1%, Linear load; <5.5%, Non-linear load	
Crest Factor	3:1	
Inverter Overload	110% for 1 hour; 125% for 10 mins; 150% for 1 min; >150% for 200 ms	
BATTERIES		
Voltage	±240Vdc	
Battery Number	40pcs (Settable: even number from 32 to 44)	
Voltage Precision	±1%	
Charge Power	up to 20% * Output active power	
Battery Cold Start	Optional	
SYSTEM		
Efficiency	AC Mode	95.0%
	ECO Mode	98.0%
	Battery Mode	95.0%
Display	LCD + LED + keyboard	
IP Class	IP 20	
Interface	RS232, RS485	
Option	SNMP Card, Parallel kit, USB, Programmable Dry Contact	
Temperature	Operation: 0~40 °C Storage: -40~70 °C	
Relative Humidity	0~95% Non-condensing	
Altitude	<1000m. Within 1000m to 2000m. 1% power derating for every 100m rise	
Noise (1 meter)	55dB @ 50% load	
Applicable Standards	Safety: IEC/EN 62040-1 EMC: IEC/EN 62040-2 Performance: IEC/EN 62040-3	
PHYSICAL		
Dimension (W*D*H) (mm)	250*840*715	
Package Dimension (W*D*H) (mm)		
Net Weight (kg)	31	
Gross Weight (kg)	37	

Rear Panel

- 1 RS232
- 2 RS485
- 3 USB (optional)
- 4 Parallel Port (optional)
- 5 Intelligents Slot (optional)
- 6 Cold Start (optional)
- 7 Bypass Breaker
- 8 Maintenance Breaker
- 9 Output Breaker
- 10 Input Breaker
- 11 Terminal & Cover



Ver:1402.7