

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%
- Fan Speed Control
- Extendable Run Time*
- (*EB versions only)
- Multiple Communication Ports
- Optional SNMP & Relay Cards
- N+X Parallel Redundancy
- Maintenance Bypass
- Dot Matrix LCD Display

UPS SYSTEM

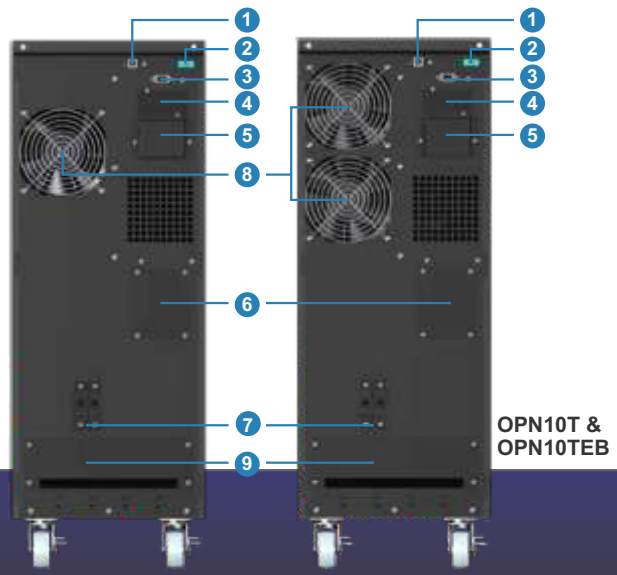
OPN Series - 6-10KVA Tower

High Performance True Sinewave
True Double Conversion
Online UPS



REAR PANEL 6 - 10KVA:

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)



OPN Series - 6-10KVA Tower

	MODEL	OPN6000T	OPN6000TEB	OPN10T	OPN10TEB
CAPACITY	VA/W	6KVA / 5.4KW		10KVA / 9KW	
INPUT	Acceptable Input Voltage	110~276VAC			
	Adjustable Bypass Voltage	110~276VAC			
	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	Voltage	208/220/230/240VAC			
	Voltage Regulation	< 1%			
	Frequency (Synch. 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			
	O/load Capacity: Line Mode**	10 min @ 105%-125% Load / 1 min @ 125~150%, 10s @ 150~170%, < 100ms @ >170%			
	Overload Capacity: BAT Mode	2 min @ 105~125%, 30s @ 125~150%, < 100ms @ >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	No. of Internal Batteries per set	20 pcs	Depending on the capacity of external batteries	20 pcs	Depending on the capacity of external batteries
	Battery Type	12Vdc / 7.2Ah		12Vdc / 9Ah	
	Backup Time	± 5 minutes		± 4 minutes	
	Recharge Time	5 hours to 90%		8 hours to 90%	
	Charging Current (max)	1.4A	4A	1.4A	4A
	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	Beeps every 4 seconds			
	Low Battery	Beeps every second			
	UPS Fault	Beeps Continuously			
	Overload	Beeps twice every second			
DIMENSION	Tower Case (WxHxL) mm	260x708x550			
	Weight (kg)	79.7 kg	25.41 kg	82.54 kg	28.05 kg
ENVIRONMENT	Operation Environment	0-45°C			
	Relative Humidity	0-95% (Non-condensing)			
	Noise Level	<50dB @ 1 Meter		<55dB @ 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			

* Product specifications are subject to change without prior notice

** The overload capacity would be derated automatically in Line Mode when the ambient temperature is higher than 35°C.