

UPS SYSTEM

OPN Series - 6-10KVA Rack / Tower

High Power Density Rack-Tower
2-in-1 True Double Conversion
Online UPS

FEATURES

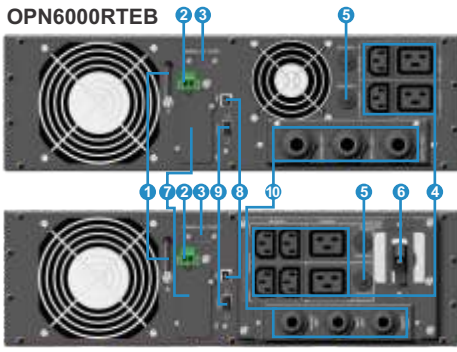
- DSP Control
- 0.9 Output Power Factor
- Wide Input Range
- High Efficiency Mode (ECO)
- Frequency Converter Mode
- Input THDi <5%
- Output Voltage Regulation <1%
- Output THDv <2%
- Fan Speed Control
- Compact Design
- Extendable Run Time*
(*EB versions only)
- Dual-input (6 - 10KVA)
- Power Management Software
- Multiple Communication Ports
- Optional SNMP & Relay Cards
- Temperature Compensation
- 1+1 Parallel (6 - 10KVA)



1 - 3KVA



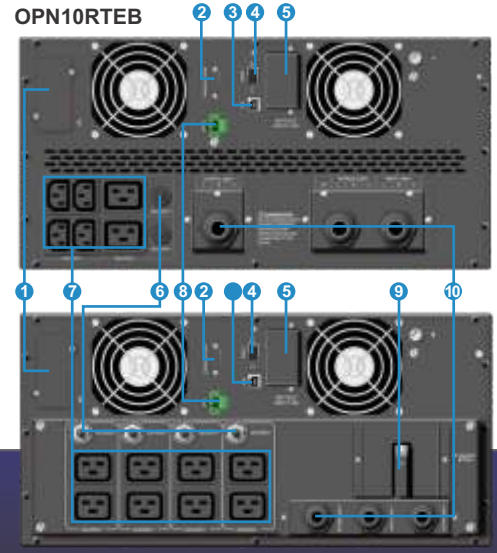
6 - 10KVA



REAR PANEL 6K:

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

OPN6000RT



REAR PANEL 10K:

1. Intelligent Slot
2. Parallel Port (Optional)
3. USB Port
4. RS232 Port
5. External Battery Connector
6. Output Circuit Breaker
7. Output Socket
8. REPO Port
9. Maintenance Bypass Switch
10. Input / Output Terminal Block

OPN6000RT

OPN Series - 6-10KVA Rack / Tower

	MODEL	OPN6000RT	OPN6000RTEB	OPN10RT	OPN10RTEB
CAPACITY	VA/W	6000VA / 5400W		10000VA / 9000W	
INPUT	Voltage Range	120~276VAC Depending on Load Level			
	Frequency Range	45-55Hz / 54-66Hz			
	Phase	Single Phase with Ground			
	THDi	<5% with Full Load			
	Power Factor	>0.99 @ Full Load			
OUTPUT	Voltage	208/220/230/240VAC			
	Voltage Regulation	±1%			
	Frequency (Synch. 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%			
Overload Capacity: 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	Depending on the capacity of external batteries	20	Depending on the capacity of external batteries
	Battery Type	12V / 5Ah		12V / 9Ah	
	Backup Time	± 2.5 minutes		± 3.5 minutes	
	Recharge Time	3 hours to 90%		3 hours to 90%	
	Charging Current	1A		8A	
TRANSFER TIME	LINE to BAT	0ms			
	INV to BYPASS	0ms			
	INV to ECO	1ms			
	ECO to INV	<10ms			
INDICATOR	LCD	Load Level / Battery Voltage / Battery Mode / AC Mode / Bypass Mode Information			
AUDIBLE ALARM	BAT Mode	Beeps every 4 seconds			
	Battery Low	Beeps every second			
	Fault	Beeps Continuously			
	Overload	Beeps twice every second			
DIMENSION	Rack Case (WxHxD) mm	438x129x594		438x215.5x594	
	Weight (kg)	47.04 kg	19 kg	80.75 kg	26 kg
ENVIRONMENT	Operation Environment	0-40°C			
	Relative Humidity	0-95% (Non-condensing)			
	Noise Level	<55dB @ Front 1 Meter			
INTERFACE	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. Design of outer casing may vary slightly from region to region.