

BLACK RT series Online UPS

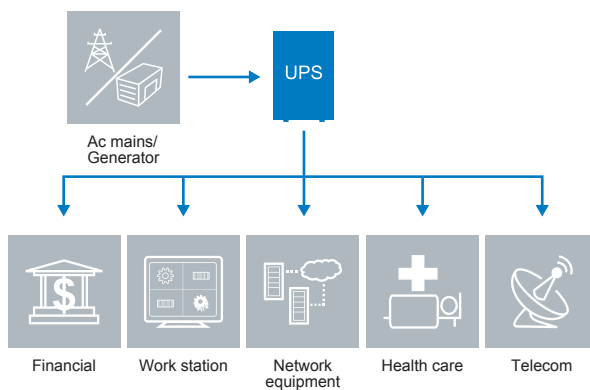
6K/10K



KEY FEATURE

- True double-conversion design with high adaptability to harsh mains conditions
- Ideal for high-end equipment which are sensitive to power quality
- Supports energy-saving ECO mode
- Wide input range (120-276V_{AC})
- Intelligent communication slot enables remote monitoring
- Precise output voltage regulation
- Rack/tower dual set-up with rotatable LCD panel
- Intelligent Charging Management* for batteries prolongs battery life

Typical Application



Specification

Model		BLACK RT 6K	BLACK RT 6KS	BLACK RT 10K	BLACK RT 10KS
Capacity		6000VA/5400W		10000VA/9000W	
Input	Input Voltage Range	120~276V _{AC}			
	Frequency Range	45-55Hz / 54-66Hz			
	Input Wiring	Single phase with ground			
	Current Distortion (THDi)	<5% @ full load			
Output	Output Power Factor	0.9			
	Nominal Output Voltage	208/220/230/240V _{AC}			
	Voltage Regulation	± 1 %			
	Frequency Range (Battery Mode)	50/60 ± 0.1 Hz			
	Current Crest Ratio	3:1			
	Voltage Distortion (THDv)	<2% @ Linear Load, <5% @Non-Linear Load			
	Output Waveform	Pure Sine Wave			
	Parallel Operation	Up to 2 units			
Efficiency	Inverter Mode	92%		93%	
	Battery Mode	89%		90%	
	ECO Mode	96%		97%	
Battery	Battery Type	12V/5Ah	N/A	12V/9Ah	N/A
	Number of Internal Battery	15	N/A	20	N/A
	Rated Battery Voltage	180V _{DC}		240V _{DC}	
	Backup Time (@ Full Load)	>2.5mins	N/A	> 3.5mins	N/A
	Recharge Time (to 90%)	3 hours	N/A	3 hours	N/A
	Charging Current	1A	8A	1.7A	8A
Transfer Time	Battery Mode ↔ Inverter Mode	0 ms			
	Inverter Mode ↔ Bypass Mode	0 ms			
	ECO Mode ↔ Battery Mode	<10 ms			
Display		LCD			
Audible Alarm		Yes			
Dimension	WxHxD	438 x 129 x 698 mm	438 x 129 x 640 mm	438 x 215.5 x 704 mm	438 x 215.5 x 640 mm
Net Weight		46kg	19 kg	82.5kg	26kg
Environment	Operating Temperature	0-40° C			
	Noise Level	<55dB @ 1 Meter			
Interface	RS232/USB	Yes			
	External Slot	Yes			
	Emergency Power Off	Yes			

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