

# BLACK TT

## Online UPS

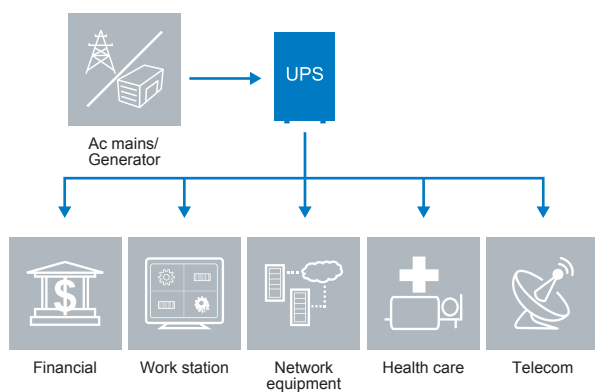
6K/10K



### KEY FEATURE

- True double-conversion design with high adaptability to harsh mains conditions
- DSP design enables precise and reliable control
- High output power factor (0.9)
- High efficiency results in energy saving
- Precise output voltage regulation
- Supports energy-saving ECO mode
- Intelligent communication slot enables remote monitoring
- LCD display shows easy-to-understand operational status
- Supports up to 4-unit parallel operation

### Typical Application



## Specification

Model		BLACK TT 6K	BLACK TT 6KS	BLACK TT 10K	BLACK TT 10KS
Capacity		6000VA/5400W		10000VA/9000W	
Input	Input Voltage Range	110~276V <sub>AC</sub>			
	Frequency Range	45-55Hz / 54-66Hz			
	Input Wiring	Single phase with ground			
	Current Distortion (THDi)	<5% @ full R load			
Output	Output Power Factor	0.9			
	Nominal Output Voltage	208 <sup>1</sup> /220/230/240V <sub>AC</sub>			
	Voltage Regulation	± 1 %			
	Frequency Range ( Battery Mode )	50/60 ± 0.05 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 4 units			
Efficiency	Inverter Mode	>92%			
	Battery Mode	>92%			
	ECO Mode	>96%			
Battery	Battery Type	12V/7Ah	N/A	12V/9Ah	N/A
	Number of Internal Battery	20	N/A	20	N/A
	Rated Battery Voltage	240V <sub>DC</sub>			
	Backup Time (@ full load)	> 5min	N/A	> 4 min	N/A
	Recharge Time (to 90%)	5 hour	N/A	5 hour	N/A
	Charging Current	1.4A	4A	1.4A	4A
Transfer Time	Battery Mode ↔ Inverter Mode	0ms			
	Inverter Mode ↔ Bypass Mode	0ms			
	ECO Mode ↔ Battery Mode	10ms			
Display		LCD			
Audible Alarm		Yes			
Dimension	WxHxD	260 x 708 x 550 mm			
Net Weight		80 kg	25.5 kg	84 kg	29.5 kg
Environment	Operating Temperature	0-45° C			
	Noise Level	≤50dB @ 1 Meter			
Interface	RS232/USB	RS23: optional, USB: standard			
	External Slot	Yes			
	Emergency Power Off	Yes			

Note:

1. 208V<sub>AC</sub> will be subject to 90% output derating

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