

Tungsten RT L Series

Models

- Tungsten RT 6L
- Tungsten RT 10L



Features:

- Output Power Factor 1
- No power derating occurs within the full operating temperature range
- Upgraded Winpower software seamlessly integrates with virtualisation platform
- 95% Efficiency in Inverter Mode
- Input THDi <3%
- Output THDv <5%
- 3 hours to achieve 90% charge
- Charger in long backup models adjustable to a maximum 12A
- External Maintenance Bypass Switch optionally available
- Parallel connection optionally available

Tungsten RT Technical Specifications

Model		Tungsten RT 6L	Tungsten RT 10L	
Capacity	VA/W	6000VA/6000W	10000VA/10000W	
Input	Input Voltage Range	110 - 276VAC		
	Frequency Range	40 - 70Hz		
	Input Wiring	Single phase with ground		
	Current Distortion (THDi)	<3% at full load		
Output	Output Power Factor	1		
	Nominal Output Voltage	220/230/240VAC		
	Voltage Regulation	± 1%		
	Frequency Range (Battery Mode)	50/60 ± 0.05Hz		
	Current Crest Ratio	3:1		
	Voltage Distortion (THDv)	<1% at Linear Load, <5% at Non-Linear Load		
	Output Waveform	Pure Sine Wave		
	Parallel Operation	Up to 3 units		
Efficiency	Inverter Mode	95%		
	Battery Mode	92%		
	ECO Mode	98%		
Battery	Battery Type	12V 9Ah		
	Number of Internal Batteries	20		
	Rated Battery Voltage	240VDC (192 - 240VDC configurable)		
	Backup Time (at PF 0.9 Load)	Depends on number of external battery banks		
	Backup Time (at 80% Load)			
	Recharge Time (to 90%)	N/A		
	Charging Current	12A (0 - 12A adjustable)		
Transfer time	Battery Mode to Inverter Mode	0ms		
	Inverter Mode to Bypass Mode	0ms		
	ECO Mode to Battery Mode	10ms		
Display		LCD		
Audible alarm		Yes		
Dimension	(WxHxD) mm	UPS	438 x 86.2 (2U) x 573	
		Battery Bank	438 x 129 (3U) x 593	
Environment	Operating Temperature	0 - 40°C		
	Noise Level	<45dB at typical load	<50dB at typical load	
Interface	RS232/USB	Yes		
	Emergency Power Off (EPO)	Yes		
	SNMP	Optional		
	AS400	Optional		
	MODBUS	Optional		

* Product specifications are subject to change without further notice