

On-Line UPS

Tungsten RT L Series



6kVA; 10kVA



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%
- Small footprint (<600mm depth) allows for installation into shallow server cabinets
- 3 hours to achieve 90% charge
- 12A charger for long backup models
- Maintenance Bypass Switch optionally available
- Parallel connection optionally available

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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	
EFFICIENCY	Parallel Operation	Up to 3 units	
	Inverter Mode	95%	
	Battery Mode	92%	
BATTERY	ECO Mode	98%	
	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	
* L Series represent extended backup models * Product specifications are subject to change without further notice			