



Online UPS HF TL Series 1 Phase in 1 phase out

Special Features

- High frequency, double conversion on-line UPS
- Microprocessor based PWM technology
- LCD display
- 1 Phase in 1 Phase out
- UPS start - up without battery and cold start
- Short circuit protection, over load protection
- Lightning and surge protection
- SMPS based converter
- RS 232 interface, Optional SNMP



Technical Specifications

Power rating		1 KVA	2 KVA	3 KVA
Input	Voltage	220V +/- 20%		
	Frequency	50Hz +/- 2%		
	Phase	Single		
	DC bus voltage	36 v DC	96 V DC	96 V DC
Output	Voltage	220V +/- 2%		
	Freq	50HZ +/- 0.2%		
	Phase	Single		
	Wave form	Pure Sine Wave		
	Transient response	Within 2 cycles		
	THD	<3 %		
	Crest factor	3:1 (Max)		
	Over load capacity	110% for 5 Minutes, 111 % -150% for 10 Seconds, > 150% - Shut Down		
	Noise Level	< 55 dB at distance of 1 meter		
	Output Isolation	No		
Charger	Voltage	Selectable 110 to 120 % of VDC		
Current	Default Charger	1 A		
	Additional charger	7.5 A		
Displays	LCD	Input Voltage / Frequency, Battery Voltage, Output Voltage / Frequency, Load watt / VA value and percent, Inverter Temperature, Operation mode such as "Online", or "on Bypass"		
	LEDs	Green led for normal operation Yellow led for warning condition Red led for abnormal operation		
	Alarms	Over load, Battery low, Shut down and on all errors		
Communication port	Rs. 232, SNMP	Optional		

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(An ISO 9001:2008 Certified Company)

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