

T3R SERIES 1kVA-3kVA



SPECIFICATIONS	1kVA	2kVA	3kVA
Topology	True On - Line , Double Conversion		
On- battery Output Waveform	Pure Sine Wave		
Number of Phase	Single (1 Φ 2W + G)		
Input			
Maximum Capacity (VA / W)	1000 VA / 700 W	2000 VA / 1400 W	3000 VA / 2100 W
Nominal Input Voltage	230 VAC		
Input Voltage Regulation	160~300 VAC Single Phase w/ Ground		
Nominal Input Frequency	50/60 \pm 4 Hz		
Input PFC	0.95		
Input Short Protection	Circuit Breaker		
Output			
Nominal Output Voltage	220 / 230 / 240 VAC nominal		
Output Voltage Regulation	+ / - 2 %		
Output T.H.D	\leq 3% (Linear Load) \leq 6% (Non-Linear Load)	\leq 4% THD (Linear Load) \leq 7% THD (Non-Linear Load)	
High Efficiency Mode (AC to AC)	85%	85%	88%
High Efficiency Mode (DC to AC)	83%	83%	83%
Crest Factor	3:1		
Start on Battery	Yes		
Output Frequency	50 Hz + / - 0.2 Hz		
Battery			
Typical Backup Time (at Full load)	5 minutes	9 minutes	5 minutes
Battery Type	Sealed Lead-Acid maintenance-free 12VDC/ 7Ah per cell		
Numbers of Batteries	3 cells	8 cells	
Recharge Time to 90%	5 hours		
Advance Warning Diagnostics			
Front Panel Indication - LCD	UPS Status, I/P Voltage & Frequency, O/P Voltage & Frequency, Battery Voltage, Battery Capacity, Loading %, Temperature, History Alarm.		
Audible Alarms	Battery Mode, Low Battery, Overload, Fault		
Communication Interface			
Communication port	RS232 (Standard); DB9 or USB or AS400 or SNMP / HTTP(Optional)		
SNMP Manageable	Yes		
Environmental			
Operation Temperature	0 - 40°C		
Storage Temperature	- 15°C to 50°C		
Relative Humidity	20% to 90 % non-condensing		
Audible Noise	< 45 dBA @ 1 meter	< 50 dBA @ 1 meter	
Mechanical			
Dimensions (W x H x D mm)	440 x 88 x 465 (W/ Internal battery)	440 x 88 x 465 (UPS only) 440 x 88 x 465 (External Battery Module)	
Weight (Net weight with Battery)(kgs)	15.5	35	36

All information contained in this brochure is purely indicative and can not be used to form any contractual obligations. Specification or design can be changed at anytime without notice.

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