

T3SERIES 1kVA-10kVA



SPECIFICATIONS	1kVA	2kVA	3kVA	6kVA	10kVA
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	6000 VA / 4200 W	10000 VA / 7000 W
Nominal Input Voltage	230 VAC				
Input Voltage Regulation	160~300 VAC Single Phase w/ Ground			170~285 VAC Single Phase w/ Ground	
Nominal Input Frequency	50/60 \pm 4 Hz				
Input PFC	\geq 0.95			\geq 0.98	
Input Short Protection	Circuit Breaker				
Output					
Nominal Output Voltage	220 / 230 / 240 VAC nominal				
Output Voltage Regulation	+ / - 2 %			+ / - 1 %	
Output T.H.D	\leq 3% (Linear Load) \leq 6% (Non-Linear Load)	\leq 4% THD (Linear Load) \leq 7% THD (Non-Linear Load)		\leq 2% THD (Linear Load)	\leq 6% THD (Non-Linear Load)
High Efficiency Mode (AC to AC)	85%	85%	88%	> 88 %	
High Efficiency Mode (DC to AC)	83%	83%	83%	> 88 %	
Crest Factor	3:1				
Start on Battery	Yes				
Output Frequency	50 Hz + / - 0.2 Hz			50 Hz + / - 0.5 Hz	
Battery					
Typical Backup Time (Full load)	5 minutes	9 minutes	5 minutes	8 minutes	5 minutes
Battery Type	Sealed Lead-Acid maintenance-free 12VDC/7Ah per cell				12VDC / 9AH per cell
Numbers of Batteries	3 cells	8 cells		20 cells	
Recharge Time to 90%	5 hours			7 hours	8 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.				
Front Panel Indication - LED	Normal (Green), Warning (Yellow), Fault (Red)				
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 to 50°C				
Relative Humidity	20% to 90 % Non-Condensing				
Audible Noise (at 1 meter from surface of unit)	< 45 dBA @ 1 meter	< 50 dBA @ 1 meter		< 55 dBA @ 1 meter	
Mechanical					
Dimensions (W x H x D mm)	160 x 220 x 400	200 x 352 x 450		260 x 717 x 570	
Weight (Net weight with Battery) (kgs)	15	34	35	90	93

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

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