

MASTER Series- True On line UPS - Low Frequency - Double Conversion

SPECIFICATION:							
Model		GT6K	GT10K	GT12K	GT15K	M20K	M30K
Capacity Power(W)		4.8KW	8KW	9.6KW	12KW	16KW	24KW
Features		Heavy Duty Application, Generator Compatible, Cold Start, PLC, Frequency Converter					
Input	Voltage Range	GT-220/230/240VAC (+/- 20 %) OR M-380/400/415VAC (+/- 20 %)					
	Frequency	50/60 Hz ± 5%					
	Phase	GT-Single Phase + Neutral + GND OR M-Three Phase (RST) + Neutral + GND					
	Max input Current	34A	56A	68A	84A	28A	56A
Output	Voltage Range	230VAC±1% or 100VAC±1%					
	Frequency	50Hz / 60Hz ± 0.5%					
	Phase	Single Phase + Neutral + GND					
	THD	<3% (Linear Load)					
	Power factor	0.8					
	Wave Form	Sinusoidal Pure Sine Wave					
	Crest Factor	3 : 1					
	Overload Capacity	Overload (110% - 150%), 20s later go to bypass, automatically resume when load become normal					
Battery	Type	SLA (Sealed Lead Acid) - Maintenance Free					
	DC	192VDC					240VDC
	Charge Current	Auto Charger 0-6A					
	Back Up Time	Approximately 10 - 30minutes, Depend to Load & Battery Capacity					
	Charge Time	3 - 8 hours (90% of full capacity)					
	Back Up Time Calculation	Example : GT6K - 12VDC x 7Ah x 16pcs = 1344VA x 0.7p.f. = 941 Watts 941 / Load, 3000Watts = 0.313 hrs x 60mins = 18.8 minutes Back Up Time					
Panel indication	LCD	UPS Mode, I/P and O/P voltage, I/P and O/P frequency, battery voltage, Load Percentage					
	LED	Low battery, online, inverter, bypass, abnormal Fault					
Efficiency	Inverter	> 92%					
Communication Interface		Software : 1. Power status 2.UPS shutdown 3.Monitor UPS status 4.UPS self test 5.Auto-save files					
		Port : RS232, DB9 for Win98-2000, Win XP or SNMP/AS400/Unix (optional)					
Transfer Time (Mains fail or recover)		Zero Second					
Surge Protection		IEEE527B, MCB, MOV, GTA, LC & MCCB					
Standards		Safety EN50091-1-EMC EN50091 – 2 lev.A					
Environment	Temperature	0 - 45°C					
	Humidity	0% - 95% (Non Condensing)					
	Audible Noise	<55db (at 1 meter)					
Physical	Net weight (without battery)	70kg	115kg	120kg	210kg	270kg	326kg
	Dimension (WxDxH)	350 x 725 x 810	470 x 765 x 916	470 x 765 x 1050		740 x 470 x 1180	
	* For Long Back Up or Custom Made UPS, Specification, Size & Weight will be followed as User request as possible.						

* Specifications subject to change without prior notice