

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

SPECIFICATION:										
Model		EP10K	EP20K	EP30K	EP40K	EP60K	EP80K	EP100K	EP120K	
Capacity		10KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	
Input	Voltage Range	380/400/415VAC (+/- 20 %)								
	Frequency Range	45 - 65 Hz								
	Phase	Three Phase (RST) + Neutral + GND								
	Rectifier	Three Phase 6 pulse								
Output	Voltage Range	380/400/415VAC (+/- 1 %)								
	Frequency Range	50Hz / 60Hz ±0.025Hz								
	Phase	Three Phase (RST) + Neutral + GND								
	THD	<3% (Linear Load)								
	Power Factor	0.8								
	Wave Form	Sinusoidal Pure Sine Wave								
	Crest Factor	3 : 1								
	Voltage Setting	200 - 245VAC								
	Transfer Time	Zero Second Transfer(Mains fail or recover)								
	Transient Response	+/- 5% into 5ms								
	Short Circuit Current	Short Current for 0.1s (200% Current)								
	Overload	125% / 150% / 180% rated current – 600 / 60 / 10s								
Battery	Type	SLA (Sealed Lead Acid) - Maintenance Free								
	VDC	384VDC						432VDC	480VDC	
	Charge Current	Auto Charger 0-10A								
	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 : EP10K - 12VDC x 7Ah x 32pcs = 2688VA x 0.7p.f. = 1882 Watts 1882 / Load, 5000Watts = 0.376 hrs x 60mins = 22.6 minutes Back Up Time								
Panel indication	LCD	UPS Mode, I/P and O/P Voltage, Frequency, Battery, Load Percentage, History, Bypass & etc.								
	LED	AC Input, Battery, inverter, bypass, abnormal Fault								
Efficiency	Inverter	>93%								
Over Load Capacity (5Mins)		170%	170%	170%	150%	130%	130%	125%	125%	
Protection	Surge	IEEE527B, MCB, MOV, GTA & LC								
	Level	IP20								
Communication Interface		Port : RS232 for Win98–2000, Win XP or SNMP/AS400/Unix (optional)								
Software		Software : Upsilon 2000 for Win98–2000, Win XP or SNMP/AS400/Unix (optional)								
Remote Signalling		Dry Contact – Battery Low, Battery Discharge, Bypass and Fault (12VDC/80mA)								
Standards		Safety EN50091-1-EMC EN50091 – 2 lev.A								
Environment	Temperature	0 - 45°C								
	Humidity	0% - 95%								
	Audible Noise	<55db (at 1 meter)								
Physical	Gross Weight (UPS Only)	260kg	280kg	320kg	350kg	380kg	505kg	680	800	
	Size (W x D x H) mm	560 x 725 x 1220					805 x 745 x 1410		1080 x 745 x 1410	
	* 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