

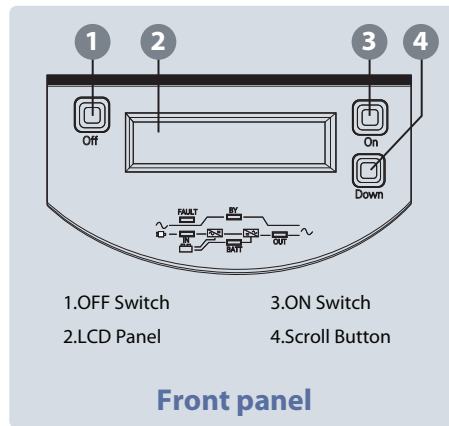
KMM-series



True On-line Double Conversion UPS

Single Phase Input / Single Phase Output True On-line UPS

- True on-line double conversion technology
- IGBT inverter design
- Wide input voltage
- Pure sine wave output
- Generator compatible
- Zero time transfer
- Surge protection, short circuit protection, overload, over temperature
- LED indicator and LCD display
- Load/Battery power meter display
- Intelligent battery management
- Intelligent control and monitoring system
- Extended backup time
- RS-232 communication port
- Product from ISO 9001 and ISO 14001 certified factory



MODEL		KMM-1000	KMM-2000	KMM-3000	KMM-6000	KMM-10000
CAPACITY	VA	1 kVA	2 kVA	3 kVA	6 kVA	10 kVA
	Watt (standard)	800 W	1.6 kW	2.4 kW	4.8 kW	8 kW
	Watt (optional)	900 W	1.8 kW	2.7 kW	5.4 kW	9 kW
MAIN INPUT	Voltage	220 Vac \pm 20% or \pm 25% (option)				
	Frequency	50 / 60 Hz \pm 6% auto sensing				
	Phase	Single phase + GND				
	Maximum input current	6 A	10A	14 A	34 A	56 A
OUTPUT	Voltage	220 Vac (L-N) \pm 1%				
	Frequency	50 / 60 Hz \pm 0.1 (Free running)				
	Phase	Single phase + GND				
	Power factor	0.8 or 0.9 (option)				
	Total Harmonic Distortion	< 3% at linear load				
	Overload capability	100 - 150%, transfer to bypass after 20 seconds, automatic resume when load become normal				
	Crest factor ratio	4 : 1				
EFFICIENCY	AC TO AC	> 82%			> 85%	> 88%
BATTERY	Type	sealed lead acid (maintenance free) rechargeable				
	Nominal voltage	48 Vdc			192 Vdc	
	Charging current	4.2 A				
	Recharging time	90% capacity after 8 hours				
STANDARD	Surge protection	IEEE 527B				
	Noise	FCC.A				
INDICATOR	Front panel LED	Low battery, Online, Inverter, Bypass, Fault				
	Front panel LCD's	Working mode, I/P and O/P voltage, I/P and O/P frequency, Battery voltage, load percentage, UPS inner temperature				
AUDIBLE ALARM	Buzzer	yes				
COMMUNICATION INTERFACE	Standard interface	RS-232 port				
	SNMP/HTTP capability	option				
SOFTWARE	UPS monitoring and management software	yes				
ACOUSTIC NOISE	At 1 metre	< 55 dBA				
ENVIRONMENT	Temperature	0 - 40°C				
	Relative humidity	0 - 95% (non-condensing)				
DIMENSIONS	W x H x D (approx. in cm.)	23 x 73 x 64			35 x 81 x 72.5	47 x 91.6 x 76.5
WEIGHT	Approximate in kg.	46	63	75	115	180

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

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