

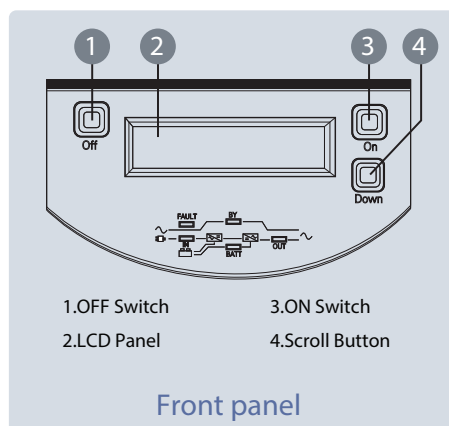
KMM-series



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			6.0 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.



บริษัท แสง (ประเทศไทย) จำกัด

568/4 ซอยลาดพร้าว 112 (เอี่ยมสมบูรณ์) ถนนลาดพร้าว แขวงพลับพลา เขตวังทองหลาง กรุงเทพมหานคร 10310

โทรสอบถาม : 02 026 3364 ต่อ 114

www.saeng.co.th

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