

KTM-series



True On-line Double Conversion UPS

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

- True on-line double conversion technology
- Full DSP control
- IGBT inverter & output isolation transformer
- 3-phase UPS allow 100% unbalance load
- Full static transfer switch
- Zero time transfer switch
- Emergency Power Off function (EPO)
- Strong redundancy / Parallel ability
- LED indicator and large LCD display
- Intelligent battery management
- Intelligent control and monitoring system
- RS-232 port
- SNMP/HTTP monitor capability and dry contact (option)
- Product from ISO 9001 and ISO 14001 certified factory

Applications

- Internet service provider
- Computer data center
- Industrial automation
- Bank or security system
- Telecommunication system
- Transportation system
- Mission-critical equipments



MODEL		KTM-1031
CAPACITY	VA	10 kVA
	Watt	8 kW
MAIN INPUT	Voltage	(380 / 400 / 415 Vac) : 380 Vac (L-L) ± 20%
	Frequency	50 / 60 Hz ± 5% auto sensing
	Phase	Three phase four wires
	Power factor	0.97 (with filter)
OUTPUT	Voltage	220 Vac (L-N) ± 1%
	Power factor	0.8
	Frequency (battery mode)	50 / 60 Hz ± 1%
	Total Harmonic Distortion	< 1.5% at linear load
	Overload capability	125% transfer to bypass after 1 minutes, > 150% transfer to bypass after 200 ms
	Crest factor ratio	3 : 1
EFFICIENCY	DC to AC	90%
BATTERY	Type	sealed lead acid (maintenance free) rechargeable
	Nominal voltage	192 Vdc
STANDARD	EMI attenuation	IEC 62040-2
	EMS	IEC 61000-4-2 (ESD), IEC 61000-4-3 (RS), IEC 61000-4-4 (EFT), IEC 61000-4-5 (Surge)
	Industrial standard	CE, EN / IEC 62040-2, EN / IEC 62040-1-1
	Enclosure protection	IP20
INDICATOR	Front panel LED	Input, Inverter, Battery, Output status
	Front panel LCD's	Input & output (voltage / frequency), battery voltage, load, internal 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.)	31 x 59 x 87
WEIGHT	Approximate in kg.	125

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

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