

Ultimate-K

UKM-1K
UKM-2K
UKM-4000



Tower stand kit



Rack mount bracket



Mounting rail kit



UKM-1K



UKM-2K



UKM-4000

- Full digital microprocessor control
- Rack/Tower convertible design for saving space
- Wide input voltage range
- High output power factor ($Pf = 0.9$)
- Cold start function
- ECO mode operation for energy saving
- Emergency Power Off (EPO) function
- Advanced battery management
- Automatic battery charging in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Battery over charge and over discharge protection
- Intelligent fan speed regulation
- Hot swappable battery design
- Extended backup time with external battery pack (option)
- USB and RS-232 communication port with UPS monitoring and management software (free download)
- SNMP/HTTP capability (option)
- Suit for small computer network or server and other IT equipments



LCD display indication

- Input (voltage / frequency)
- Output (voltage / frequency)
- Battery (voltage / backup time/ capacity / level in %)
- Load (VA / Watt / level in %)
- UPS operation
- Fault code



MASC
ISO 9001 QMS01098/349
ISO 14001 EMS01007/645
ISO 45001 OHSMS20027/105



NISC-TIS-TIS 17021
QMS 002: EMS 005 /
OHSMS 001



TIS 1291 Part 1-2553
TIS 1291 Part 2-2553
TIS 1291 Part 3-2555
LEONICS CO., LTD.

SPECIFICATIONS

MODEL		UKM-1K	UKM-2K	UKM-4000
CAPACITY	For computer load	1000 VA / 900 W	2000 VA / 1800 W	4000 VA / 2700 W
INPUT	Voltage	220 Vac single phase nominal voltage		
	Voltage range	176 - 264 Vac		
	Frequency	40 - 70 Hz		
	Power factor	≥ 0.99 at full load		
OUTPUT	Voltage range	220 Vac ± 1%		
	Phase	Single phase		
	Frequency	50 Hz ± 0.1 Hz		
	Power factor	0.9		
	Wave form	pure sine wave		
	Total Harmonic distortion	≤ 3% of THD at linear load, ≤ 5% of THD at non-linear load		
	Overload capability	105%-125% for 1 min. turn to bypass mode, 125%-130% for 30 sec turn to bypass mode, > 130% turn to bypass mode immediately		
	Crest factor ratio	3:1		
	Short circuit protection	Turn off inverter, no transfer to bypass, audible alarm (AC mode) Turn off inverter, audible alarm (Battery mode)		
	Efficiency (AC mode)	89%	91%	92%
	Protection	Overload, over voltage, under voltage, short circuit proof and low battery voltage shutdown		
	TRANSFER TIME	Between AC mode and battery mode	Zero time (True on-line UPS)	
PROTECTION	EMI/RFI attenuation	IEC 62040-2		
	Surge protection	IEC 61000-4-5		
BATTERY	Type	Sealed lead acid (maintenance free) rechargeable		
	Capacity	12 V 9 Ah x 2	12 V 9 Ah x 4	12 V 9 Ah x 6
	Backup time	10 - 30 minutes (depending on computer load)		
	Extended backup time	option		
	Continuous recharging time	90% capacity after 4 hours charging		
INDICATOR	LED	Inverter mode, Battery mode, Bypass mode, Alarm		
	LCD display	Input (voltage / frequency), Output (voltage / frequency), Battery (voltage / backup time / capacity / level in percentage), Load (VA / Watt / level in percentage), Overload, UPS operation, Environment Temperature, Fault code		
AUDIBLE ALARM	Buzzer	Battery mode, low battery, overload, fault		
CONNECTION	Input	IEC 320 C14 to TIS 166-2549 power cord		
	Output	6 outlets	6 outlets	6 + 1 (high current) outlets
COMMUNICATION INTERFACE	RS-232 port	only DB-9 port, not included RS-232 cable		
	USB port	an USB port with USB cable		
	SNMP/HTTP capability	option		
SOFTWARE	UPS monitoring and management software ⁽¹⁾	yes		
ACOUSTIC NOISE	At 1 metre	< 50 dBA		
ENVIRONMENT	Temperature	0 - 40°C		
	Relative humidity	0 - 95% (non-condensing)		
DIMENSIONS	W x H x D (cm)	44 x 8.65 x 32.5 (2U)	44 x 8.65 x 46 (2U)	44 x 8.65 x 60 (2U)
WEIGHT	Approximate in kg.	11.9 kg	20.3 kg	27.7 kg

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

⁽¹⁾ IUPS monitoring and management software capable to work with these OS below.

- Windows 98 / Me / 2000 / 2003 / XP / Vista
- Novell Netware v3.1x / 4.x / 5.x
- Windows 7 / 10
- Free BSD 4.x
- MS DOS
- Linux

Authorized Distributor: