



Uninterruptible Power Supply



Address: Office no.3, via brecce bianche 25c, Ancona 60131, Italy.

P.IVA: 02969110424

E-mail: info@ilmondoo.it

Pec: ilmondoo@pec.it

Tel: 071 827860

Cell: +39 3802030721

Fax: 0815453663

UPS



Online high frequency MQ series UPS

Product features

- 1. Pure sine wave output, online zero conversion time
 - 2. Wide input frequency range, adjustable from 40-70HZ
 - 3. Output short circuit protection and overload protection
 - 4. Full-time lightning protection, noise and surge protection
 - 5. The LCD screen is to display the status parameters at a glance
 - 6. The RS232 communication interface is applied
- 7. Double-sided circuit board design with higher safety and reliability
 - 8. Various common technical parameters can be set on the panel
 - 9. Can be equipped with the power monitoring software "Electronic Management Expert" to enable UPS network and remote monitoring
 - 10. Output power 1.0
 - 11. Super filter function, easy to solve the interference

Application

- 1. Departmental servers
 - 2. Small LAN
 - 3. Workstation
 - 4. IPO
 - 5. Small medical devices
 - 6. Small precision electronic instruments
- 7. Enterprise Server
 - 8. Enterprise Lan
 - 9. High-end servers
 - 10. Network Equipment
 - 11. Data center room
 - 12. Sophisticated electronic equipment

Model		MQ1K(S)	MQ2K(S)	MQ3K(S)	MQ6K(S)	MQ10K(S)
Phase		Single-pahse to ground				
Capacity		1000VA / 800W	2000VA / 1600W	3000VA / 2400W	6000VA /6000W	10000VA / 10000W
Input						
Voltage range		110-300VAC 60%Load ; 160-300VAC 100%Load			110-300VAC 50%Load ; 176-300VAC 100%Load	
Frequency range		40Hz ~ 70Hz				
Power factor		100% load ≥ 0.95	100% load ≥ 0.97	100% load ≥ 0.97	100% load ≥ 0.97	100% load ≥ 0.99
Output						
Output voltage		220VAC ± 1% (208,210,230,240 Adjustable)				
Voltage range (battery mode)		± 1%				
Frequency Range (Synchronization Correction Range)		47Hz ~ 53Hz or 57 ~ 63Hz				
Frequency range (battery mode)		50Hz / 60Hz (Adjustable)± 0.25 Hz				
Surge ratio		3 : 1				
Todal Harmonic distortion		≤ 3% THD(Linear load) ; ≤ 6% THD(Non-Liear load)				
Transfer time	AC to DC	0ms				
	Inverton to bypass	4ms(Standard)				
Waveform		pure sine wave				
Battery						
Standar model	Battery model	12V / 7AH				
	Quantity	2	4	6	12	16
	Maximum charging current	1.0A(Max)			1A,2A,3A,4A,5A,6A,7A,8A,9A,10A(Adjustable)	
	Charging voltage	27.5(41.0)VDC ± 1%	55(82.1)VDC ± 1%	82.1(110)VDC ± 1%	165VDC ± 1%	220VDC ± 1%
Long-run Model	Battery model	Depends on the appliCnt				
	Quantity	3	6	8	16	16
	Maximum charging current	1A,2A,3A,4A,5A,6A,7A,8A,9A,10A(Adjustable)				
	Charging voltage	41.0VDC ± 1%	82.1VDC ± 1%	110VDC ± 1%	220VDC ± 1%	220VDC ± 1%
Display Description						
LCD or LED indicators		System status, Load Power , battery capacity, Mains Mode , battery mode, bypass mode, input/output voltage, fault indication				
Warning sound						
Battery mode		Alarm beeps every four seconds				
Low Battery		Alarm beeps every one second				
Overload		Alarm beeps every one second				
Dimension		Alarm beeps continuously				
Dimension						
Standard Model	Dimension(mm)	352 × 145 × 213	450 × 192 × 335		384 × 192 × 730(including wheels)	
	Weight(kg)	8.8	19.5	23.7	40.78	50.1
Long-run Model	Dimension(mm)	352 × 145 × 213	450 × 1192 × 345		450 × 192 × 335	
	Weight(kg)	5.8	12.6	13	9.42	10.4
Operating environment						
Temperature and humidity		Humidity 20-90 % Temperature: 0-40°C (No condensation)				
Noise		<50dBA@1 meter				
Control Management						
Smart RS-232/ USB		Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix,				
Optional SNMP		Power management supports SNMP management and network management				