UK900 PRO RACK TORRE

1~10KVA

Ideal applications Home PC, SOHO, small scale exchange, supermarket POS machines, workstation and peripheral devices

SYSTEM WARRANTY 5 kbling CERTIFIED INSTALLER

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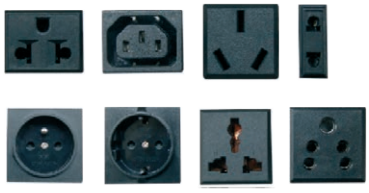
Features

- Rack/Tower design
- High frequency and true double-conversion.
- DSP digital control technology.
- Input power factor correction (PFC)
- Wide input voltage range (11 OV-300V)
- Output power factor 0.8/0.9.
- Code start.
- Frequency adaptive.
- ECO mode operation for energy saving.
- Selectable output voltage via LCD.
- Output bypass settable for 1, 2, 3KVA via LCD.
- 50Hz/60Hz frequency converter mode available on 6-10KVA
- Selectable battery low voltage via LCD.
- Automatlcally diagnose when starts.
- Advanced battery management (ABM)
- Short circuit and overload protection.
- Automatically charging battery at UPS off mode.
- Fan speed auto control when load varies.
- Standard RS232 communication port and RJ45 protection.
- Optional USB/SNMP communication port.
- Optional emergency power off (EPO)
- Optional extension battery bank.
- Optional N+1 redundancy parallel on 6-1 OKVA

Optional socket



Rear panel

1. Overcurrent Protection
2. AC input
3. Modem/Tel/Fax
4. DC input
5. Outlet
6. FAN
7. RS232
8. SNMP/AS400 (Optional)

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Specifications						
Model		**UK900 PRO**	**UK900 PRO**	**UK900 PRO**	**UK900 PRO**	**UK900 PRO**
Capacity		1KVA/900W	2KVA/1800W	3KVA/2700W	6KVA/5400W	1 0KVA/9000W
Input						
Rated Voltage		208V/220V/230V/240VAC				
Voltage Range		Half load (115-295)±5VAC; Full load (145-295)±5VAC			Half load (115-295)±5VAC; Full load (160-295)±5VAC	
Frequency		45-55Hz±0.5%Hz or 55-65Hz±0.5%Hz (Auto Sensing)			40-70Hz±0.5% (Auto Sensing)	
Power Factor		≥0.98			≥0.99	
Bypass Voltage Range		Rated output voltage-34V- Rated output voltage+32V			160V- Rated output voltage+32V	
Output						
Voltage		208V/220V/230V/240VAC Setting available via LCD				
Voltage Regulation		±1%				
Frequency		Synchronized with utility on AC mode;50/60±0.2Hz on battery mode				
Waveform		Pure sine wave				
Crest Factor		3:1				
Harmonic Distortion		≤3%(Linear load); ≤5%(Non-linear load)			≤2%(Linear load); ≤5%(Non-linear load)	
Transfer Time		AC mode to battery mode :0ms. Inverter model to bypass mode:4ms(Typical)			AC mode to battery mode :0ms. Inverter model to bypass mode:0ms	
Overload Capability		105%-150%:Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms			105%-125%:Transfer to bypass after 3mins; 125%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 1 00ms	
Efficiency						
AC Mode		≥90%			≥92%	
Battery Mode		≥87%			≥91%	
ECOMode		≥98%			≥98%	
Battery						
DC Voltage		24V	48V	72V	192V	
Inbuilt Battery of Standard Model		2*9Ah	4*9Ah	6*9Ah	16*7Ah	16*9Ah
Charge Current Standard Model		1A				
Charge Current Long Time Model		6A			1A/3A/5A/8A	
Typical Recharge Time		8 hours recover to 90% capacity				
Alarm						
Utility Failure		Beep/4s				
Battery Low		Beep/1s				
Overload		Beep Twice/1s				
UPS Fault		Long Beep				
Environment						
Humidity		20-90% RH@ 0~40°C (non-condensing)				
Noise Level		≤50dB (1m)			≤55dB (1m)	
Management						
Standard RS-232 ,Obtional USB		Supports Windows 98/2000/2003/XP/Vista/2008/7/8				
Optional SNMP		Power management from SNMP manager and web browser				
Physical						
Long Time Model	Dimension (mm) W*D*H	440x468x88			440x565x132	
Long Time Model	Packing Dimension (mm) W*D*H	530x590x170			535x660x215	
Long Time Model	Net/Gross Weight (kg)	6.0/7.5	12.0/13.5	13.0/14.5	19.0/21.5	
Standard Model	Dimension (mm) W*D*H	440x468x88	440x690x88		440x565x132(UPS); 440x565x132 (BAT)	
Standard Model	Packing Dimension (mm) W*D*H	530x590x170	530x825x170		535x660x215(UPS); 546x676x266 (BAT)	
Standard Model	Net/Gross Weight (kg)	12.0/13.5	28.5/30.0	33.5/35.0	19.0/21.5(UPS); 52.0/54.5 (BAT)	

** Durate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208VAC.*
** S means standard model, H means long backup time model.*

All specifications subject to change without notice.
Custom-made specifications are acceptable.

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