

On-Line UPS

PlusIII-1KLR/3KLR

FEATURES:

- ▶ Microprocessor control guarantees high reliability.
- ▶ Extended back-up time with external battery bank.
- ▶ Unite input power factor and wide input range.
- ▶ True sinewave double conversion on-line UPS.
- ▶ DC start and automatic self-diagnostic function.
- ▶ RS-232 communication port and built-in SNMP slot.
- ▶ High efficiency design to save electricity.
- ▶ Low heat dissipation in long time operation.
- ▶ Designed to operate under harsh environment.
- ▶ Enhanced protections against lightning surges, disturbances, etc.

19" Rack Mount



Tower



FRONT PANEL:



1. LCD: UPS status, I/P & O/P Voltage, Frequency, Load%, Battery %, temp.
2. Fault LED Indicator.
- 3.~7. Load % & Battery % Indicators.
8. Select / Light Key.
9. Power Off.
10. Power On / Alarm Silence / UPS Test.
11. Battery LED Indicator.
12. Inverter Indicator.
13. Bypass Indicator.
14. Utility Power Indicator.

BATTERY REPLACEMENT



PlusIII-1KLR



PlusIII-3KLR

BATTERY BANK:BBR2-96V-14AH



REAR PANEL:



PlusIII-1KLR



PlusIII-3KLR



Battery Bank

1. Output Socket
2. Input Socket
3. Intelling Slot
4. Input Breaker
5. Tel / Modem Spike Protection Port
6. External Battery Socket(Optional)
7. Cooling Fan
8. USB Port (Optional)
9. Communication Port
10. Output Breaker



On-Line UPS

SPECIFICATIONS:

Model	Rack	PlusIII-1KLR	PlusIII-3KLR
Capacity		1KVA / 0.7KW	3KVA / 2.1KW
Input	Voltage Range 110V System	80V~143V(100% load),65V~80V(70% load)	
	Voltage Range 220V System	160V~286V(100% load),130~160V(70% load)	
	Frequency	50Hz or 60Hz (auto sensing)	
	Power Factor	> 0.95	
Output	Voltage 110V System	110Vac,115Vac,120Vac	
	Voltage 220V System	220Vac,230Vac,240Vac	
	Voltage Regulation	+/- 2%	
	Frequency	50Hz or 60Hz+/-0.5%(Battery mode)	
	Waveform	Pure Sinewave	
	Distortion	< 3%(Linear load)	< 4%(Full Linear load)
	Overload Capacity	108% ~150% for 1min.,>150% for 200ms	
Efficiency	To AC mode	85%	86%
	To Battery mode	83%	83%
Battery	Type	Maintenance free sealed lead-acid battery	
	Voltage	36V	96V
	Back-up (Full / Half load)	>7mins / 18mins	>5mins / 15mins
	Charging Current(Max.)	1A	
Bypass	Automatic	Overload and UPS failure	
	Transfer Time	AC To DC 0ms, Inverter to bypass 2.5ms	
Display	LED	Normal(Green),Bypass (Yellow), Inverter(Green),Battery(Yellow) Load% (5 LED),Battery%(5 LED),Fault (Red)	
	LCD	UPS status,I/P&O/P Voltage & Frequency,Load %,Battery % Temp.,	
Audible Alarm	Battery Mode	Beeping every 4 seconds (re-settable) and per second when battery low	
	Overload	Beeping twice every second	
	Fault	Beeping Continuously	
Communications	RS-232 Interface	UPSilon2000 monitoring software	
	SNMP Intelligent	For NetAgent II (Optional) with SNMP manager and Web browser	
Network	Surge Protection	RJ-45 I/O port available for 10 base-T network of Fax / Modem	
Environment	Temperature	0 ~ 40°C (32°F~104°F)	
	Humidity	0 ~ 95%, non-condensing	
	Acoustic Noise	< 45dBA at 1 meter	< 50dBA at 1 meter
	Safety Standard	CE (EN62040-1-1,IEC 60950-1)	
	EMC Standard	CE (EN50091-2)	
Physical	Dimension(W*H*D)	19"*2U*465mm	(19"*2U*465mm)*2
	Weight(kgs)	19Kgs	42Kgs/W.Battery Bank
DESIGN, MANUFACTURE, SERVICES		ISO 9001-2000	
Warranty		1 year	