LinosPower

LPS
1KVA - 3KVA

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage
- Converter mode available
- ECO mode for energy saving only available for 1-3KVA models
- Adjustable battery numbers
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

ONLINE UPS

MODEL	LPS 1K (L)		LPS 2K (L)		LPS 3K (L)
PHASE	Single phase with ground				
CAPACITY *	1000 VA / 900 W		2000 VA / 1800 W		3000 VA / 2700 W

INPUT

Nominal Voltage	110/115/120/127VAC or 208/220/230/240VAC
Input Voltage Range	60-145 VAC or 120-300 VAC (Based on load at 50%) 90-145 VAC or 180-300 VAC (Based on load at 100%)
Frequency Range	40 Hz ~ 70 Hz
Power Factor	0.99 @ Nominall Voltage (100% load)

OUTPUT

Output Voltage		110/115/120/127VAC or 208/220/230/240VAC
Voltage Regulation		± 1 %
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.5%
Current Crest Ratio		3:01
Harmonic Distortion		3 % THD (Linear Load)
		6 % THD (Non-linear Load)
Transfer Time	AC Mode to Battery Mode	Zero
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave

EFFICIENCY

	LPS 1K	LPS 2K	LPS 3K
AC Mode	88%	89%	90%
Battery Mode	83%	87%	88%

BATTERY

Standard Model	Battery Type	12 V / 9 Ah		12 V / 9 Ah		12 V / 9 Ah
	Numbers	2	3	4	6	6
	Typical Recharge Time	4 hours recover to 90% capacity				
	Charging Current (max.)	1:00 AM				
	Charging Voltage	27.4VDC ± 1%	41.0VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%	82.1 VDC ±1%
Long-run Model **	Battery Type	Depending on applications				
	Numbers	3		6		6
	Charging Current (max.)	1.0A/2.0A/4.0A/6.0 A				
	Charging Voltage	41.0 VDC ±1%		82.1 VDC ±1%		82.1 VDC ±1%

INDICATORS

LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators

ALARM

Battery Mode	Sounding every 4 seconds
Low Battery	Sounding every second
Overload	Sounding twice every second
Fault	Continuously sounding

PHYSICAL

Standard Model	Dimension, D x W x H (mm)	282x145 x220	397x145 x220	397 x 145 x 220	421 x 190 x 318	421 x 190 x 318
	Net Weight (kgs)	9.8	11.4	17	26.2	27.6
Long-run Model **	Dimension, D x W x H (mm)	282 x 145 x 220		397 x 145 x 220		
	Net Weight (kgs)	4.4		6.8		7.6

ENVIRONMENT

Humidity	20-90 % RH @ 0- 40°C (Non-condensing)
Noise Level	Less than 50dB @ 1 Meter

MANAGEMENT

Smart RS-232 / USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC
Optional SNMP	Power management from SNMP manager and web browser

*1-3KVA: Derate to 70% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC
**Long-run model is only available in 208/220/230/240VAC systems.
Product specifications are subject to change without further notice.