LinosPower

LPS-RT
6KVA-10KVA

ONLINE UPS

- True double-conversion
- Output power factor 1
- Output voltage regulation < 1%
- Higher output crest ratio 3:1
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Emergency power off function (EPO)
- Hot swappable battery design
- ECO mode energy saving
- Emergency power off (EPO) function
- Provides over voltage cutt-off protection and surge Immunity by MOV for full time equipment protection
- High power factor charger upto 1000W capacity with Very low ripple current when charging battery
- Low input THDi to reduce power system pollution
- Adjustable charging current via LCD panel
- Smart battery charger design to optimize battery performance
- Generator compatible

MODEL		LPS-RT 6K(L)	LPS-RT 10K(L)
PHASE		1 phase in / 1 phase out	
CAPACITY*		6000 VA / 6000 W	10000 VA / 10000 W
INPUT			
Nominal Voltage		208/220/230/240 VAC	
Voltage Range		110~300VAC @(0~60%) Load 140~300VAC @ (60~80%) Load 176~300VAC @(80~100%) Load	
Frequency Range		46~54 Hz 50Hz / 56~64 Hz 60Hz	
Power Factor		0.99 @ full load	
THDi		< 4% @100% Load, < 6% @50% Load	
OUTPUT			
Output Voltage		104/110/115/120VAC	104/110/115/120VAC
AC Voltage Regulation		± 1%	
Frequency Range (Synchronized Range)		46~54 Hz 50Hz / 56~64 Hz 60Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio		3:1 (max.)	
Harmonic Distortion		1.5 % THD (Linear Load), 7 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sinewave	
Overload	AC Mode	100%~110%: 10min、110%~130%: 1min、>130% : 1sec	
	Battery Mode	100%~110%: 30sec、110%~130%: 10sec、>130% : 1sec	
EFFICIENCY			
Line Mode		89%	
Battery Mode		86%	
BATTERY			
Standard Model	Battery Type	12 V / 7 AH	12 V / 9 AH
	Numbers	16	16
	Typical Recharge Time	9 hours recover to 90% capacity	
	Charging Current (max.)	1.0 A	
	Charging Voltage	218.4 VDC ± 1%	218.4 VDC ± 1%
Long-run Model	Battery Type	Depending on applications	
	Numbers	16-20**	
	Charging Current (max.)	4.0 A	
	Charging Voltage	(13.65VDC x battery number) ± 1%	
INDICATORS			
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
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)	UPS Unit: 600x438x88 [2U] Battery Pack: 695x438x88 [2U] ISO Pack: 600 x 438 x 88 [2U]	UPS Unit: 600x438x88 [2U] Battery Pack: 695x438x88 [2U] ISO Pack: 686 x 438 x 133 [3U]
	Net Weight (kgs)	UPS Unit: 15 Battery Pack: 48 ; ISO Pack: 61	UPS Unit: 18 Battery Pack: 48 ; ISO Pack: 90
Long-run Model	Dimension, D x W x H (mm)	UPS Unit: 600 x 438 x 88 [2U] ISO Pack: 600 x 438 x 88 [2U]	UPS Unit: 600 x 438 x 88 [2U] ISO Pack: 686 x 438 x 133 [3U]
	Net Weight (kgs)	UPS Unit: 15 ; ISO Pack: 61	UPS Unit: 18 ; ISO Pack: 90
ENVIRONMENT			
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)	
Noise Level		Less than 55dB @ 1 Meter	Less than 58dB @ 1 Meter
MANAGEMENT			
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC	
Optional SNMP		Power management from SNMP manager and web browser	

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.
**When using batteries from 16-19, the unit will de-rate according to below formula: P=Prating x N/20.
If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.
Product specifications are subject to change without further notice.