

Lin^{os}Power

LPS-RT 1KVA-3KVA

- 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

ONLINE UPS



MODEL	LPS-RT 1K		LPS-RT 1.5K		LPS-RT 2K		LPS-RT 3K	
PHASE	Single phase with ground							
CAPACITY*	1000 VA / 1000 W		1500 VA / 1500 W		2000 VA / 2000 W		3000 VA / 3000 W	
INPUT								
Nominal Voltage	100/110/115/120 /127 VAC							
Voltage Range	55 - 150 VAC \pm 3 % at 50% load 80 - 150 VAC \pm 3 % at 100% load							
Frequency Range	40 Hz ~ 70 Hz							
Power Factor	0.99 @ nominal voltage (100% load)							
Harmonic Distortion(THDi)	5% @ nominal input voltage							
OUTPUT								
Output Voltage	100*/110*/115*/120/127 VAC							
AC Voltage Regulation (Batt. Mode)	\pm 1%							
Frequency Range (Synchronized Range)	57 ~ 63 Hz or 47 ~ 53 Hz							
Frequency Range (Batt. Mode)	60Hz \pm 0.1Hz or 50 Hz \pm 0.1Hz							
Current Crest Ratio	3:1 (max.)							
Harmonic Distortion	2 % THD (Linear Load) ; 4 % THD (Non-linear Load)							
Transfer Time	AC Mode to Batt. Mode		Zero					
	Inverter to Bypass		4 ms (Typical)					
Waveform (Batt. Mode)	Pure Sinewave							
EFFICIENCY								
AC Mode	89% @ full charged battery				91% @ full charged battery			
ECO Mode	96% @ full charged battery							
Battery Mode	88%				90%			
BATTERY								
Battery Type	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah		
Numbers	2	3	3	4	6	6		
Typical Recharge Time	3 hours recover to 95% capacity for internal battery@ 2A charging current							
Charging Current	Default 2A, Max. 8A adjustable							
Charging Voltage	27.4 VDC \pm 1%	41.1 VDC \pm 1%	41.1 VDC \pm 1%	54.8 VDC \pm 1%	82.1 VDC \pm 1%	82.1 VDC \pm 1%		
INDICATORS								
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions							
ALARM								
Battery Mode	Sounding every 5 seconds							
Low Battery	Sounding every 2 seconds							
Overload	Sounding every second							
Fault	Continuously sounding							
PHYSICAL								
Dimension, D x W x H(mm)	410 x 438 x 88		410 x 438 x 88		510 x 438 x 88	630 x 438 x 88	630 x 438 x 88	
Net Weight (without battery) (kgs)	6.6	7.8	8.1	9.4	10.6	12.4		
Net Weight (w/built-int battery) (kgs)	11.6	14.1	15.5	19.5	23.3	27.5		
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/2008/7/8, Linux and MAC							
Optional SNMP	Power management from SNMP manager and web browser							
STANDARD								
EMC/safety	cTUVus (comply to UL1778), Fcc (1-1.5K Class B, 2-3K Class A)							

*Derate capacity to 80% when the output voltage is adjusted to 100VAC.
**Standard model with cTUVus certified is allowed to be used as long-run model.
Product specifications are subject to change without further notice