

# Lin<sup>o</sup>sP<sup>o</sup>wer

## LPS-L

### 10KVA-30KVA

- DSP technology guarantees high reliability
- Output power factor 1
- Adapting the latest Silicon carbide diodes to enhance the system efficiency
- Dual Inputs
- Very powerful charger to shorten the recharge time
- Adjustable charging current
- Parallel up to 6 units with common battery pack
- 5" color touch type LCD display
- Optional programmable relay dry contact card
- Voice warning / error code notice
- High overload capability
- Adjustable battery design
- Dynamic password feature optimizes service performance
- Power walk-in function



ONLINE UPS

MODEL	10K (L)*	15K(L)	20K (L)*	30K (L)*	
PHASE	3-phase in / 3-phase out				
CAPACITY	10KVA /10KW	15KVA /15KW	20KVA /20KW	30KVA /30KW	
PARALLEL CAPABILITY	up to 6 units in parallel				
<b>INPUT</b>					
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)				
Voltage Range	-30% ~ +20%				
Frequency Range	40~70 Hz				
Power Factor	0.99 @ 100% Load				
Harmonic Distortion (THDi)	3% at full linear load				
<b>OUTPUT</b>					
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N)				
AC Voltage Regulation (Batt. Mode)	± 1%				
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz				
Frequency Range (Batt. Mode)	50/60 Hz ± 1%				
Current Crest Ratio	3:1 (max.)				
Harmonic Distortion	1 % THD (Linear Load) ; 3 % THD (Non-linear Load)				
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)	Pure Sine wave				
Overload Capability	100-110% for 60 min, 111-125% for 10 min, 126%~150% for 1 min; >150% or 400ms				
<b>BYPASS</b>					
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)				
Voltage Range	-30% ~ +20% (Adjustable)				
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz				
Overload Capability	> 130% 1 minute (default) Continuously working until breaker protection (optional)				
<b>EFFICIENCY</b>					
AC Mode	96.00%				
ECO Mode	99.00%				
Battery Mode	96.00%				
<b>BATTERY</b>					
Standard Model	Battery Type	12 V/9 Ah	12 V/9 Ah	12 V/9 Ah	12 V/7 Ah
	Numbers	(10+10) pcs	(16+16) pcs	(16+16) pcs	(16+16) pcs x 2 strings
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1A ~ 12A (Adjustable)			
	Charging Voltage	+/-136.5 VDC ± 10%	+/-218 VDC ± 10%		
Long-run Model	Battery Type	Depending on the applications			
	Numbers	+/- 10 pcs	+/-16 pcs ~ +/- 20 pcs (Adjustable)		
	Charging Current (max.)	1A ~ 12A (Adjustable)			
	Charging Voltage	+/-136.5 VDC ± 10%	+/-13.65V x N (N=16~20)		
<b>INDICATORS</b>					
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				
<b>PHYSICAL</b>					
Standard Model	Dimension,DxWxH (mm)	630 x 250 x 826		815 x 300 x 1000	
	Net Weight (kgs)	124	139	225	
Long-run Model	Dimension,DxWxH (mm)	630 x 250 x 826		815 x 300 x 1000	
	Net Weight (kgs)	28			
<b>ENVIRONMENT</b>					
Operation Temperature	0-40°C				
Operation Humidity	< 95% and non-condensing				
Altitude**	0 ~ 1500m at full load				
Noise Level	Less than 60 dB @1 Meter		Less than 63 dB @1 Meter		
<b>MANAGEMENT</b>					
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				

\*If output voltage is set as 3 x 360VAC, the output power of the unit will be de-rated to 90%.

\*\*If the UPS is installed or used in a place where the altitude is higher than maximum height, the output power will be derated 1% per 100m. Product specifications are subject to change without further notice.