

Lin^osP^ower

LPS-L 40KVA-80KVA

- 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	40K (L)		60K(L)		80K(L)
PHASE	3-phase in / 3-phase out				
CAPACITY	40KV /40KW		60KVA /60KW		80KVA /80KW
PARALLEL CAPABILITY	up to 6 units in parallel				
INPUT					
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				
OUTPUT					
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				
BYPASS					
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)				
EFFICIENCY					
AC Mode	96.00%				
ECO Mode	99.00%				
Battery Mode	96.00%				
BATTERY					
Standard Model	Battery Type	12 V/9 Ah		N/A	
	Numbers	(16+16) pcs x 2 strings			
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1A ~ 16 A (Adjustable)			
	Charging Voltage	+/-218 VDC ± 10%			
Long-run Model	Battery Type	Depending on the applications			
	Numbers	+/-16 pcs ~ +/- 20 pcs (Adjustable)			
	Charging Current (max.)	1A ~ 16 A (Adjustable)	2A ~ 24 A (Adjustable)	2A ~ 32A (Adjustable)	
	Charging Voltage	+/-13.65V x N (N=16~20)			
INDICATORS					
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				
PHYSICAL					
Standard Model	Dimension,DxWxH (mm)	815 x 300 x 1000		N/A	
	Net Weight (kgs)	250			
Long-run Model	Dimension,DxWxH (mm)	815 x 300 x 1000		790 x 360 x 1010	
	Net Weight (kgs)	67	108	113	
ENVIRONMENT					
Operation Temperture	0-40°C				
Operation Humidity	< 95% and non-condersing				
Altitude**	0 ~ 1500m at full load				
Noise Level	Less than 63 dB @1 Meter		Less than 65 dB @1 Meter		
MANAGEMENT					
Smart RS-232 / USB	Supports Windows2 2000/2003/XP/Vista/2008, Windows 27/8/10, 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.