





## Battery Pack

Capacity	6K	10K
Battery Type	12/7Ah	12 V 9 Ah
Battery Number	20 pcs	20 pcs
Dimension (DxWxH)	580 x 438 x 133	580 x 438 x 133
Net Weight (kgs)	57	63



TESTED TO  
UL 1778

## 6KVA/10KVA Rack/Tower Online UPS

MODEL	L1106K	L1106KL ISO	#110K	#110KL ISO	
PHASE	Single phase with ground				
CAPACITY	6000 VA / 5400 W		10000 VA / 9000 W		
<b>INPUT</b>					
Nominal Voltage	200/208/220/230/240 VAC				
Voltage Range	110-300 VAC ± 3% at 50% load 176-300 VAC ± 3% at 100% load				
Frequency Range	46~54 Hz or 56~64 Hz				
Power Factor	≥ 0.99 @ 100% load				
<b>OUTPUT</b>					
Nominal Voltage	200/208/220/230/240 VAC	104 VAC x 2 / 208 VAC or 110 VAC x 2 / 220 VAC or 115 VAC x 2 / 230 VAC or 120 VAC x 2 / 240 VAC	200/208/220/230/240 VAC	104 VAC x 2 / 208 VAC or 110 VAC x 2 / 220 VAC or 115 VAC x 2 / 230 VAC or 120 VAC x 2 / 240 VAC	
AC Voltage Regulation	± 1%	± 3%	± 1%	± 3%	
Frequency Range(Synchronized Range)	46~54 Hz or 56~64 Hz				
Frequency Range(Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz				
Current Crest Ratio	3:1 (max.)				
Harmonic Distortion	≤ 2 % THD (Linear Load), ≤ 4 % THD (Non-linear Load)	≤ 3.5 % THD (Linear Load), ≤ 7 % THD (Non-linear Load)	≤ 2 % THD (Linear Load), ≤ 4 % THD (Non-linear Load)	≤ 3.5 % THD (Linear Load), ≤ 7 % THD (Non-linear Load)	
Transfer Time	Line mode to Battery mode	Zero			
	Battery mode to Line mode	Zero			
	Inverter to Bypass	Zero			
	Bypass to Inverter	Zero			
Waveform (Batt. Mode)	Pure Sinewave				
<b>EFFICIENCY</b>					
Line Mode	90%	84%	90%	84%	
Battery Mode	88%	82%	88%	82%	
ECO Mode	96%	87%	96%	87%	
<b>BATTERY</b>					
Standard Model	Nominal Voltage	240 VDC			
	Battery Type	12 V / 7 Ah	12 V / 9 Ah		
	Numbers	20 (18-20 pcs adjustable)*	20 (18-20 pcs adjustable)*		
	Typical Recharge Time	7 hours recover to 90% capacity		9 hours recover to 90% capacity	
	Charging Current (max.)	1.0 A		1.0 A	
Long Run Model	Float Charging Voltage	273 VDC (based on battery numbers at 20 pcs)			
	Battery Type and Numbers	Depending on applications			
	Charging Current (max.)	4.0 A		4.0 A	
	Float Charging Voltage	273 VDC (based on battery numbers at 20 pcs)			
<b>INDICATORS</b>					
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions				
<b>ALARM</b>					
Battery Mode	Sounding every 4 seconds				
Low Battery	Sounding every second				
Overload	Sounding twice every second				
Fault	Continuously sounding				
<b>PHYSICAL</b>					
Standard Model	Dimension, D x W x H(mm)	UPS unit: 580 x 438 x 133 [3U] Battery pack: 580 x 438 x133 [3U]	UPS unit: 580 x 438 x 133 Battery pack: 580 x 438 x 133 ISO bank: 580 x 438 x 133	UPS unit: 668 x 438 x 133 [3U] Battery pack: 580 x 438 x133 [3U]	UPS unit: 668 x 438 x 133 Battery pack: 580 x 438 x 133 ISO bank: 668 x 438 x 133
	Net Weight (kgs)	UPS unit: 20 Battery pack: 57	UPS unit: 20 Battery pack: 67 ISO bank: 67	UPS unit: 23.5 Battery pack: 63	UPS unit: 23.5 Battery pack: 63 ISO bank: 90
long-run Model	Dimension, D x W x H(mm)	580 x 438 x 133	UPS unit: 580 x 438 x 133 ISO bank: 580 x 438 x 133	668 x 438 x 133	UPS unit: 668 x 438 x 133 ISO bank: 668 x 438 x 133
	Net Weight (kgs)	20	UPS unit: 20 ISO bank: 67	23.5	UPS unit: 23.5 ISO bank: 90
<b>ENVIRONMENT</b>					
Operation Humidity	0-95 % RH @ -35- 60°C (Non-condensing)				
Noise Level	Less than 58dBA @ 1 Meter		Less than 60dBA @ 1 Meter		
<b>MANAGEMENT</b>					
Smart RS-232 / USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux, Unix, and MAC				
Optional SNMP	Power management from SNMP manager and web browser				

\*When using internal batteries from 18-19, the unit will de-rate according to below formula: P=P<sub>Rating</sub> 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.

\* L means long-run model

Product specifications are subject to change without further notice