

LS11 6KVA - 10KVA

Low Frequency Online UPS Legend Star Series

LS11 6KVA - 10KVA (1ph in / 1phout)



Key Features:

- Output isolation design to withstand various loads
- Output power factor 0.8
- Fully coated PCBA can withstand harsh environments
- Unique ventilation design for effective heat dissipation
- Wide input voltage and frequency range to withstand robust environments
- High overload capability
- Built-in maintenance bypass switch

Technical Specification:

MODEL		LS11 6K(L)		LS11 10K(L)	
Phase		Single In/Out			
Capacity		6KVA / 4.8KW		10KVA / 8KW	
Input					
Rated Voltage		208VAC / 220VAC / 230VAC			
Voltage Range		165VAC ~ 285VAC @ 16pcs Batteries ; 185VAC ~ 285VAC @ 18pcs Batteries			
Frequency Range		40Hz ~ 55Hz or 56Hz ~ 64Hz			
Output					
Output Voltage		208VAC / 220VAC / 230VAC			
Voltage Accuracy		±1%			
Frequency Range (Synchronous Correction Range)		45Hz ~ 55Hz or 56Hz ~ 64Hz			
Frequency Range (Battery Mode)		50Hz ± 0.1Hz or 60Hz ± 0.1 Hz			
Admissible Crest Factor		3:1			
Current Crest Ratio		≤ 3% (Linear Load); ≤ 5% (Non-linear Load)			
Conversion Time	AC Mode to Bat. Mode	0s Conversion			
	Inverter Mode to Bypass Mode	0s Conversion			
Waveform (Battery Mode)		Pure Sine Wave			
Efficiency					
AC Mode		88.30%			
Battery Mode		92%			
Battery					
Marking Machine	Battery Type	12V 9Ah			
	Quantity	16pcs			
	Charging Time	Recovery to 90% capacity in 6 hours			
	Max. Charging Current	2A			
	Charging Voltage	218.4V ± 1%			
Long Machine	Battery Type	Depends on the Application			
	Quantity	16pcs	18pcs	16pcs	18pcs
	Max. Charging Current	Default Value: 8A; 2A / 4A / 8A (adjustable)			
	Charging Voltage	218.4V ± 1%	245.7±1%	218.4V ± 1%	245.7±1%
Display					
LCD Display	UPS Status, Load Level, Battery Level, Input/Output Voltage and Frequency, Fault Codes/Warning Codes				
Warning Sounds					
Battery Mode	Warning Every 4 Seconds				
Low Battery	Sound Every Second				
Overload	Warning Every Second				
Fault	Continuous Beeping				
Physical Properties					
Marking Machine	L*W*H (mm)	592*300*826			
	Net Weight (KG)	122	114	130	138
Long Machine	L*W*H (mm)	592*250*826			
	Net Weight (KG)	62		86	
Usage Environment					
Temperature	Working temperature 0 ~ 55°C				
Humidity	Humidity range < 95% non-condensing				
Noise	< 60dBA@1M				
Control Management					
Smart RS232 / USB	Support for Windows® 2000 / 2003 / XP / Vista / 2008 / 7 / 8 / 10 Linux Unix and MAC				
Dry Contact	Five Signals: AC Fault, Low Battery, UPS Alarm, Bypass, UPS Failure				
Optional SNMP	SNMP Manager and web Browser for Power Management				

* Reduces capacity to 90% of capacity when output voltage is adjusted to 208Vac

* The battery number is set at the factory and cannot be changed by the user

* If the machine is installed at an altitude of over 1000 meters, the output current will be reduced by 1% for every 100 meters of elevation.

* Product specifications are subject to change without further notice