

We will find a product or make a new one

Rack Type UPS

SLR SERIES



Rack Type UPS with a Compact architecture

Rack Online UPS is the ideal choice for small data centers. It supports an in-built battery. SLR series applies the advanced 3 levels of technology, compatible with complicated loads.

This type of UPS completely isolates your sensitive devices from the mains, charges the batteries with electricity in the mains, and feeds your sensitive devices connected with the help of various filters. As a result, all unwanted situations that may occur in the network are filtered by the online UPS, and your sensitive devices are fed with clean energy.

GENERAL SPECIFICATIONS

- Input and Output 50Hz, 60Hz, 400Hz frequency optional.
- On Non-linear loads (computer and switching power supplies) excellent performance
- Intelligent Power Module or IGBT technology full reliability.
- DSP (Digital Signal Processor) control. Space-vector control technology
- Low Output distortion factor. High efficiency.
- Audible alarm
- User-friendly control panel

SLR11(1-3KVA)

FEATURES

- Redundant parallel operation
- Potential free output voltage
- Full redundant control architecture
- Output short circuit proof
- Low voltage ripple to prolong battery lifetime
- Intelligent battery charge and monitoring control
- Lithium Ion Battery charging options ready and available

TECHNICAL SPECIFICATIONS (220/230/240V)

MODEL		SLR1101S	SLR1101L	SLR1102S	SLR1102L	SLR1103S	SLR1103L
Capacity		1kVA / 900W		2kVA / 1,8kW		3kVA / 2,7kW	
Phase		Single Phase in, Single Phase out					
Input Voltage Range		110VAC - 288VAC 100% load@ > 176VAC; 80% load@ > 154 VAC 70% load@ > 132VAC; 50% load@ > 110 VAC					
Input PF		≥0.97					
Input Frequency		40 Hz ~ 70 Hz					
Output PF		0.9					
Output Voltage		220V / 230V / 240V					
Voltage Regulation		± 1 %					
THDu		≤2% THD, Linear Load ≤ 5.5% THD, Non-Linear			≤2% THD, Linear Load ≤ 5% THD, Non-Linear		
Battery	Model	12VDC / 7Ah	External	12VDC / 7Ah	External	12VDC / 7Ah	External
	Quantity	3	3	6	6	8	8
	Max-Charging Current	1A	5A	1A	5A	1A	5A
	Voltage	36VDC		72VDC		96VDC	
Efficiency		87%		91%		90%	
Noise (1 meter away)		<43dB@<70% Load <47dB@>70% Load			<45dB@<70% Load, <50dB@>70% Load		
Overload Capability (Inverter mode)			105%~130%:to bypass after 1 min; 150%: to bypass after 30sec				
Overload Capability (Battery mode)			105%~130%:shutdown after 10Sec; 150%: shutdown after 5sec				
Crest Ratio				3:1			
Display				LED+LCD			
Options				Surge Protection, Rail Kit, Foot Brackets			
Interface				Standard: RS232 Optional: SNMP, USB, Dry Contacts, Parallel Kit, ECO Kit			
W*D*H (mm)		145*353*222		190*374*336		190*426*336	
Package Weight (kg)		11,5	7	25	8	31	9,5

SLR11(6-10 KVA)

TECHNICAL SPECIFICATIONS (220/230/240V)

MODEL		SLR1106XS	SLR1106XL	SLR1110XS	SLR1110XL
Capacity		6kVA / 6kW		10kVA / 10kW	
Phase		Single Phase in, Single Phase out			
Input Voltage Range		110VAC - 288VAC			
		100% load @ >176VAC; 90% load @ >160VAC 80% load @ >140VAC; 60% load @ >110VAC			
Input PF		≥0.99			
Input Frequency		40 Hz ~70 Hz			
Output PF		1			
Output Voltage		220V / 230V / 240V			
Voltage Regulation		± 1 %			
THDu		≤2%THD, full linear load; ≤5%THD, non-linear load			
Battery	Model	12VDC / 7Ah	External	12VDC / 9Ah	External
	Quantity	16 to 20 pcs.	16 to 24 pcs.	16 to 20 pcs.	16 to 24 pcs.
	Max-Charging Current	1A	5A	1A	5A
	Voltage	192 default (Adjustable)			
Efficiency		Normal Mode: max 95%; Battery Mode: max 93%			
Noise (1 meter away)		<52dB @ <60% Load <56dB @ >60% Load		<56dB@ <60% Load; <58dB@ >60% Load	
Overload Capability (Inverter mode)		110%: for 10 min ; 125%:for 1min ; 150%:for 30 sec (shut down the bypass after 1 min)			
Overload Capability (Battery mode)		110%: Shutdown after 1mins; 130%: Shutdown after 10s; >130%: Shutdown after 200ms			
Crest Ratio		3:1			
Display		LED+LCD			
Options		Surge Protection, Manual Bypass, Rail Kit, Foot Brackets			
Interface		Standard: RS232 Optional: SNMP, USB,Dry Contacts, Parallel Kit, ECO Kit			
W*D*H (mm)		438*660*172	438*550*86	438*660*172	438*550*86
Package Weight (kg)		59	17,5	67	20,5

SLR33(20-25 KVA)

TECHNICAL SPECIFICATIONS (220/230/240V)

MODEL	SLR33020	SLR33025
Capacity	20kVA / 20kW	25kVA / 25kW
Phase	3P+N+PE (3/1 and 1/1 Optional)	
Input Voltage Rate	380VAC / 400VAC / 415VAC (line-line)	
Input Voltage Range	304VAC-478VAC (line-line), full load; 228VAC-304VAC (line-line) derate from 75% to 100% load	
Input Frequency - Range	50 / 60Hz - 40 / 70Hz	
Input PF	>0.99	
Input THDi	<3% (100% Linear load)	
Bypass Voltage - Range	380VAC / 400VAC / 415VAC (line-line), -40% ~ +25% (Settable)	
Bypass Frequency	50 / 60Hz, ± 1 Hz, ± 3 Hz, ± 5 Hz (Settable)	
Bypass Overload	Long time @ 110% load; 5 mins @ 125% load; 1 min @ >150% load	
Output Voltage	380VAC / 400VAC / 415VAC (line-line) $\pm 1\%$	
Output Frequency	50 / 60Hz	
Output PF	1	
Output THDu	<1% Linear Load; <6% Non-Linear Load (IEC/EN62040-3)	
Inverter Overload	1 hour @ 110% load; 10mins @ 125% load; 1 min @ 150% load, 200ms @ >150% load	
Battery Number	± 240 VDC (± 20 batteries)(40 in total)	
Charging Accuracy	1%	
Charging Capacity	Up to 20% of Output Power	
Battery Cold Start	Yes	
Efficiency	>96% @ AC Mode, >95,5% @ Battery Mode	
Display	LED + LCD + Touch Screen	
Interface	RS232, RS485, Programmable Dry Contact	
Option	SNMP Card, Parallel Operation, Surge Protection	
Storage / Operation Temperature	-40 - 70°C / 0 - 45°C	
Relative Humidity	0 – 95% Non-Condensing	
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load	
W*D*H (mm)	485*885*130mm	
Package Weight (kg)	25kg	