

SLDHP 33 MODEL 100 – 800 kVA ONLINE UPS



- Input power factor: 0.99
- Output power factor: 1
- cold start
- Double Entry
- Automatic frequency detection
- 50 / 60 Hz frequency conversion mode
- Up to 98% work efficiency in EGO mode
- Automatic fan speed control
- Automatic power ON/OFF according to adjustable load capacity

*Product images may vary according to power values.



Battery charging speed doubling



Standard emergency shutdown (EPO)



LCD Display



Optional battery temperature compensation



Optional communication port



Battery restore to 90% capacity in 4 hours



Powerful background software



compact interior order

You can access the product page by scanning the QR Code with your phone.



- Compact interior layout shrinks the entire unit
- takes up little space
- LCD display, multi-function key operation
- Powerful background software for parameter configuration and online update
- Parallel optional N+ X redundancy up to 6 units
- Optional battery temperature compensation, EMD ambient sensors

- Doubling battery charging speed, 90% capacity restore in 4 hours
- Standard emergency shutdown (EPO)
- Standard RS232/USB communication port
- Optional RS485 / SNMP / AS400 communication port and SMS alarms

MODEL	SLDHP33	SLDHP33	SLDHP33	SLDHP33	SLDHP33	SLDHP33	SLDHP33	SLDHP33	SLDHP33	SLDHP33
INPUT										
Power (kVA)	100	120	160	200	250	300	400	500	600	800
Rated Voltage [V]	380 / 400 / 415 3-phase									
Voltage Tolerance [V]	400 ±20% @ full load									
Frequency [Hz]	45 – 65									
Power Factor	>0.99									
Harmonic Current Distortion (THD)	<3%									
soft start	0 – 100% in 120 seconds (Selectable)									
Frequency Tolerance	±2% (selectable from ±1% to ±5% from front panel)									
Standard Equipment	Feedback protection; detachable bypass line									
BYPASS										
Rated Voltage [V]	380 / 400 / 415 3-phase + N									
Frequency [Hz]	50 or 60 (Selectable)									
OUTPUT										
Rated Power [kVA]	100	120	160	200	250	300	400	500	600	800
Active Power [kW]	100	120	160	200	250	300	400	500	600	800
Number of Phases	3 + N									
Rated Voltage [V]	380 / 400 / 415 3-phase + N (Selectable)									
Stability	±1%									
Dynamic Stability	±5% in 10 ms.									
Voltage Distortion	Continuing load with <1% / non-continuing load with <3%									
Peak Factor [I _{peak} /I _{rms}]	3:1									
Battery Frequency Stability	0.05%									
Frequency [Hz]	50 or 60 (Selectable)									
Overload	110% for 60 minutes; 125% for 10 minutes; 150% for 1 minute									
BATTERIES										
Medicine	VRLA AGM / GEL; NiCd; supercaps; Li-ion; flywheels									
Surge Current	None									
Charge Voltage Compensation	-0.11% x V x °C									
GENERAL FEATURES										
Weight (kg)	850	850	1015	1070	1300	1680	2050	3026	3080	4004
Dimensions (WxDxH) [mm]	800x850x1900		1000x850x1900			1500x1000x1900		2100x1000x1900		3200x x 1900
Distant Signals	potential free contacts (configurable)									
Remote control	ESD and bypass (configurable)									
Communication	Dual RS232 + 2 slots for communication interface									
Ambient Temperature for UPS	0 °C – +40 °C									
Recommended Temperature for Battery Life	+20 °C – +25 °C									
Relative Humidity Range	5-95% non-condensing									
Colour	Dark gray RAL 7016									
Noise Level (1 m) [dBA]	63 – 68					70 – 72				
Protection Level	IP20 (others on request)									
Smart Active Efficiency	>99%									
Double Conversion Efficiency	up to 95.5%									
Regulations	European directives: L V 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant classification according to IEC 62040-3 (Voltage frequency Indioendent) VFI – SS – III									
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