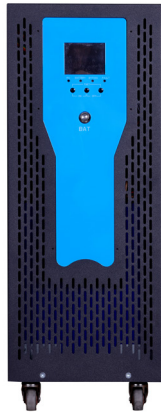


SW 1–3KVA LiFePO₄ Online UPS



Product features

01

Zero transfer time

Double conversion online UPS, zero transition time for switching between battery and mains powered modes. support for fixed-frequency output, effectively ensure the reliability of the load power supply.

02

Full color touch human-machine interface

Intelligent display can provide richer visual information, more intuitive operation status and Full information. Touch screen operation is more convenient, users can set and monitor through the touch screen. The full-color touch screen also supports a graphical interface that displays a chart of the UPS's electrical parameters, helping users to better understand and analyze the UPS's operating conditions.

03

Excellent load adaptability

50Hz/60Hz power supply system Adaptive output 200/208/220/230/240Vac 50/60Hz, widely adapted to variety of voltage and frequency system equipment.

04

Input power factor

High active power factor correction technology(PFC), input power factor of 0.99 or more, effectively avoiding power grid pollution and effectively reduce the cost of electricity.

05

Ultra-wide input voltage and frequency range

90V~300V wide input voltage and 40~70Hz frequency input range, compatible with harsh power environments, reducing the number of battery discharges and improving battery life.

06

Built-in high-capacity power lithium-iron phosphate battery cell

Lithium Iron Phosphate batteries are used in a wide range of applications, and their safety performance is very stable. The P-O bond in the crystal is solid and difficult to decompose, and even at high temperature or overcharging, there is no structural collapse and heating or formation of strong oxidizing substances. The cycle life reaches more than 2000 times, and the theoretical life will reach 7~8 years. Supports high current 2C rapid charging and discharging. With an operating temperature range from -20°C to +75°C, it maintains good performance in a variety of extreme environments.

07

Ultra long-delay all-in-one product

The long-delay all-in-one design integrates all the necessary components, providing the advantages of saving time and space, improving ease of installation, and convenient, safe and quick buy-plug-and-play. This design is particularly suitable for those who need to run for a long time and limited installation space application scenarios, data centers designed for a new generation of highly integrated power design supply and distribution systems. Want a long delay and do not want the traditional long delay requires external battery pack installation is cumbersome, complex operation, etc. is the ideal choice. The integrated design not only saves space, but also facilitates safe management and maintenance.

SPECIFICATION						
MODEL	SWD1101-Li (1K)			SWD1102-Li (2K)		SWD1103-Li (3K)
Rated Power (VA/W)	1KVA/900W			2KVA/1.8KW		3KVA/2.7KW
Product Type	Double conversion online UPS					
Phase	Single					
INDICATORS						
LCD Display						
INPUT						
INPUT Phase	Single-phase 2-wire (L , N) + protective G					
Voltage Range	90-300Vac					
Frequency Range	40 Hz ~70 Hz (auto sensing)					
Power Factor	≥0.99					
OUTPUT						
IOOUTPUT Phase	Single-phase 2-wire (L , N) + protective G					
Rated Voltage	208/220/230/240Vac					
Output Voltage Accuracy	±1%					
OutputFrequency	50 /6 0 ±4 Hz (phase-locked to follow mains) / 50/60Hz ±0 . 1 % (fixed frequency mode)					
Output Waveform	Pure sine wave					
Output Distortion (THDV%)	<2% (linear load)					
	<7% (non-linear load)					
Overload capability	1min@ 10 5%~ 125% of rated load					
	10s@ 125%~ 150% rated load					
	0.5S@ >150% Rated Load					
EFFICIENCY						
Utility mode	90%			90.50%		91%
Battery mode	92%			92%		93%
BATTERY/ CHARGER						
Li-ion Battery Voltage	6.4VDC			6.4VDC		6.4VDC
Li-ion Battery Capacity	1792Wh	3584Wh	5376Wh	3584Wh	5376Wh	5376Wh
Li-ion Battery Quantity	Built-in 2 Batteries	Built-in 4 Batteries	Built-in 6 Batteries	Built-in 4 Batteries	Built-in 6 Batteries	Built-in 6 Batteries
Full Backup Time	120Minutes	240Minutes	360Minutes	120Minutes	180Minutes	120Minutes
Unlimited range/expansion	Supports external lithium battery pack expansion					
Charging Current	Standard 25A; Expandable to 150A					
PHYSICAL						
Type	Tower					
Product dimensions	1K/2K /3 K:215(W)X512 (H)X560 (L)mm					
Weight (Kg)	28Kg	38.5Kg	49Kg	41Kg	51.5Kg	52Kg
USER INTERFACE						
Touch Display	Displays input and output voltage and current, frequency, load percentage, operating mode, machine status, lithium battery status.					
Communication Interface	RS232 Standard					
Expansion card slot	Optional network monitoring card, support PC, cell phone remote monitoring, MODBUS, dry contact					
ENVIRONMENTAL PARAMETERS						
Working Temperature Range	-10 ~45℃					
Operating humidity range	0-98% (no condensation)					
Noise	<50 dB @ 1 meters					

Note:

- ①Other battery configurations can be customized.
- ②Other battery configurations can be customized, please contact the sales representative for details.
- ③Dimensions include the size of the panel, the length of the panel varies slightly between models.
- ④Other external structure, input/output socket and plug configuration can be customized, please contact sales representative for details.
- ⑤Differences in technical parameters can be customized, please contact the sales representative for details.