

SW 5KSO/LV -LA



- * Easy to install, smart setting through LCD
smart setting through LCD
- * Support BMS communication, intelligent
working modes
- * Parallel up to 9 units
- * Remote monitoring via APP or Web
- * Dual outputs for smart load
management(optional)

Model	SW-5KSO/LV-LA
AC INPUT	
Rated Voltage	120 V a.c., L+N+PE
Rated Frequency	50 Hz/60 Hz
Current (Maximum Continuous)	41.7 A a.c.
INVERTER OUTPUT	
Rated Power	5 kW
Rated Voltage	120 V a.c., L+N+PE
Power Factor	1
Wave Form	Pure Sine Wave
Switch Time	<10ms (Typical Value)
Inverter Efficiency (Peak)	>92%
Current (Maximum Continuous)	41.7 A a.c.
Maximum Output Overcurrent Protection	105%~130% 10s/130% 5s/200% 0.2s
BATTERY	
Battery Type	Lithium/Lead-acid
Rated Battery Voltage	48 V d.c.
Battery Voltage Range	42~60 Vd.c.
Max. Charge Current	100 A d.c.
PV INPUT	
No. of MPPT Tracker/Strings	1/1
Max. PV Array Power	5 kW
Max. Dc Voltage	500 V d.c.
MPPT Voltage Range	120~450 V d.c.
Start-up Voltage	150Vd.c.
MPPT Maximum Charge Current	100 Ad.c.
Max. Input Current	22 Ad.c.
Isc PV (Absolute Maximum)	24 A d.c.
PROTECTION & FEATURE	
Parallel Function	NO
Protection Degree	IP20, Indoor Only
Other Protection	Overload, Over temperature, Short circuit
PROTECTION & FEATURE	
Storage Temperature	-10°C~+60°C (+14°F ~+140°F)
Operating Temperature	-10°C~+50°C (+14°F ~+122°F)
Humidity	5%~95% (Non-condensing)
Operating Altitude	4000 m (>1000 m Derating)
Noise	<50 dB
Machine Dimensions (W*H*D)	350*440.6*124.6 mm (13.78*17.35*4.91 in)
Machine Weight /N.W.	13 kg (28.66 lbs)
DISPLAY AND COMMUNICATION	
Display	LCD Display (Display Running Mode, Loads /Input /Output etc.)
Interface	RS485/CAN/Dry Contact/WiFi (Optional)