



KW-SLN3142-1

OFF-GRID MINI HOME POWER

ES-GRADE LFP BATTERY

Safe, durable
long-life cells

GLOBALLY INSURED

Worldwide insurance
support

FAST SOLAR CHARGING

Up to 300W
600W PV input

UP TO 1000W OUTPUT

1kWh & 2kWh modele for
different needs

UPS BACKUP

<20 ms
transferring time

Related Products



home use



Household appliances



Renewable Energy Storage

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PV Input

Max.PV Input Power	600W
PV Input Voltage Range&start Voltage	10-100Vdc.20Vdc
Maximum Charge Current	16A
MPPT Efficiency	>99%
PV Input	MC4

AC Input

Max.AC Input Power	1150W
Input Voltage Range & Frequency	155-300Vac.45-65Hz
Max.Input Current	7.5A±10%(RMS)
AC Input Port	1*Socket (optional)

AC Output

Rated & Peak Output Power	1000W, 1500W (15s)
Output Voltage Range & Frequency	2*220~240Vac, 1P, 50±0.2Hz
AC Output Port	2*Sockets (optional)
Switch Time	<20ms

Battery Parameters

Cell Type	LFP
Nominal Battery Voltage	6.4V
Nominal Battery Energy	2009.6Wh

General Specification

Cooling Mode	Natural cooling
Altitude	≤2000m (Output Degradation over 2000m)
Noise	<25dB
Weight	19kg
Dimension (W*H*D)	310*304*200mm
IP Rating	IP20
Operating Temperature Range	Charging0℃-45℃; Discharging-20℃~45℃
Allowed Humidity Range	20%-85%

