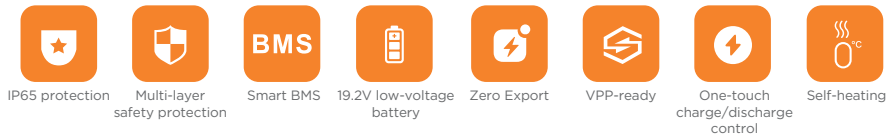


Lake-6

Plug-in AC-coupled ESS

Your Home Energy Freedom Starts Here



2500W

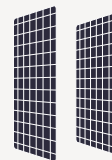
input/output,
ideal for all households

*Supports 100% half-wave loads with
output power up to 1250 W



Integrated
6kWh battery
design

100% compatible
with existing PV systems



Real-time monitoring via
AP EasyPower
Wi-Fi, Bluetooth, LAN
and wired communication



8000-cycle
battery lifespan
for long-term durability



AI-powered charge/
discharge optimization
Save up to **€1,876**
per year



Save up to **1500kWh**
by self-developed light-load
energy-saving mode technology

Plug-and-play
design for quick installation



Precise battery capacity management
Maximizing battery lifespan



≤ 30dB ultra-quiet operation
for enhanced home comfort



AI mode

Self-Consumption

Time-based Control

Backup Power

Model**Lake-6****Battery Info**

Battery Type	LiFePO4
Nominal battery voltage	19.2V
Operating voltage Range	16.8-21.6V
Battery Energy	6.02kWh
Total Capacity	314Ah
Maximum continuous charge/discharge current	150A
Life Cycle(Times)	>8000(25°C)
Depth of Discharge	90%

AC Input and Output (on-grid)

Grid type	Single-phase
Nominal AC voltage ⁽¹⁾	230V
Nominal AC frequency ⁽¹⁾	50Hz
Default output apparent power	800VA
Maximum continuous input/output power	2500VA
Maximum continuous input/output current	10.9A
Power factor range	>0.99(+/- 0.8adj.)
EPS Switch Time	5ms

AC Input and Output (off-grid)

Grid type	Single-phase
Nominal AC voltage	230V
Nominal AC frequency	50Hz
Maximum continuous input/output power	2500VA
Peak output apparent power	3600VA, 10s
Maximum continuous input/output current	10.9A

General Data

Operating Temperature Range (°C)	-20°C to +60°C
Ingress Protection(IP) Rating	IP 65
Dimension(L*W*H)	580mm*210mm*716mm
Weight	68kg
Supported Communication Interface	WIFI&RS-485&Bluetooth&LAN
Display	LED

(1) The nominal voltage/frequency range may vary based on local requirements