

ES-BOX12F MAX+

16.08kWh

Outdoor & Indoor Energy Storage Battery

The ES-BOX12F MAX+ is a 16.08kWh IP65-rated lithium battery designed for both indoor and outdoor installation, delivering reliable energy storage in harsh environmental conditions.



IP65 Protection



Flexible Installation
Time-Saving Deployment



Remote Monitoring
(Optional)



10-Year
Standard Warranty



IP65
Outdoor Protection



Up to 64 Modules
in Parallel



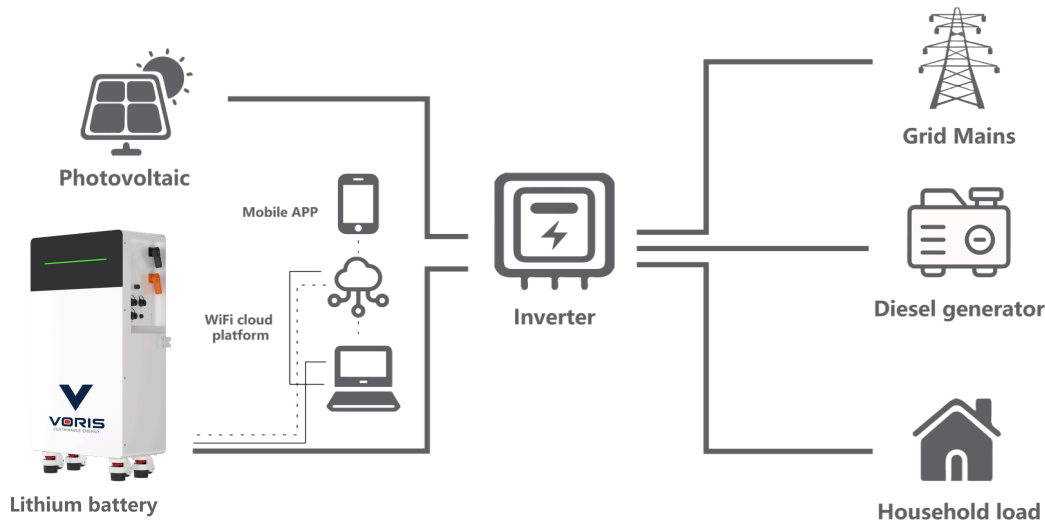
Advanced Battery
Equalization Technology



Comprehensive
Multi-Layer Protection



Wide Inverter
Compatibility



Product Model	ES-BOX12F MAX+
Nominal Energy	16.08kWh
Nominal Voltage	51.2V
Nominal Capacity	314Ah
Cell Type	LFP
Standard Charge Voltage	56.8V
Max.Charge/Discharge Current	200A
Rated Charging and Discharging Current	100A
Discharge Cut-Off Voltage	44.8V
Parallel Function	Parallels: Default 16 (Optional: up to 33 or 64)
Communication Interface	RS485/RS232/CAN
Cycle Life	≥10000 Cycles (25°C±, 0.35C, 90%DOD@65%EOL)
Charge Temperature Range	0~55°C
Discharge Temperature Range	-20~55°C
Certification	Pack: CEI 0-21/CE/IEC 62619/UL1973 by Intertek/MSDS/UN38.3 Cell: UL1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3
Dimension	490*840*250mm (Excluding Wheels)
Net Weight	128Kg
Installation Method	Wall-Mounted/Floor Standing
Warranty	10 years warranty
Energy Throughput ^[1]	70MWh
Display	RGB LED Light
Optional	Automatic Heating, Fire Extinguishing Module, Wifi Remote Monitoring
Protection	IP65 Waterproof rate, Over charge/discharge/current/voltage/temperature protection, Short circuit protection, Reverse connection protection, Charge balance, Low SOC protection

[1] Conditions apply, refer to warranty letter.