ECO SOLAR Market

GENIXGREEN®

ES-BOX12F Series

5.12kWh/10.24kWh/14.34kWh/16.08kWh

Suitable for all weather,indoors or outdoors



IP65

IP65 Protection

Available in 3 Colors







Flexible installation
saving time and effort

1C/1C continuous
charge and discharge

5 years
standard warranty

IP65 Protection
Fearless of outdoor installation,
strong environmental adaptability

MAX 64

Max. 64
modules parallel

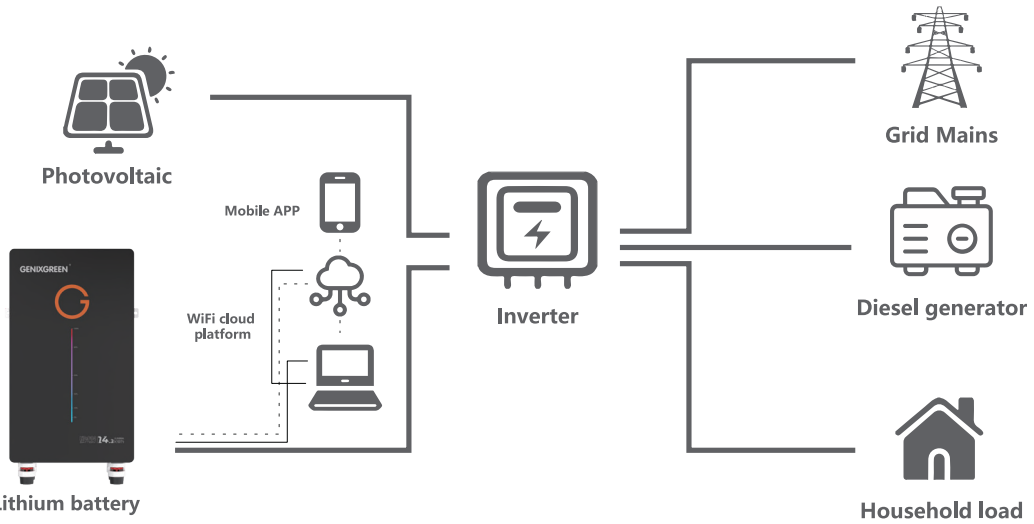
Battery Equalization
Supports for mixing modules under
different SOC to ensure battery life

All-round Safety
Short-circuit lockout,
surge-resistant, safe, and reliable

Automatic Self-heating
-20℃ to 55℃
operating temperature(optional)

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https://www.eco-solar.com.ua
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Product Specification

Product Model	ES-BOX12F	ES-BOX12F PLUS	ES-BOX12F MAX	ES-BOX12F MAX+
Nominal Energy	5.12kWh	10.24kWh	14.34kWh	16.08kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah	314Ah
Cell Type	LFP	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V	56.8V
Max.Charge/Discharge Current	100A	150A	200A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V	44.8V
Parallel Function	Parallels：Max.16, Max.33, Max.64 (Optional)			
Communication Interface	RS485、USB、CAN			
Cycle Life	>8000 Cycles(25°C±2°C，0.5C，80%DOD@65%EOL)		≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)	
Charge Temperature Range	0~55°C			
Discharge Temperature Range	-20~55°C			
Certification	ROHS/UN38.3/MSDS			
Dimension	480*600*180mm (Excluding Wall-Mounted Brackets)	480*650*245mm (Excluding Wall-Mounted Brackets)	490*840*250mm (Excluding Wheels)	490*840*250mm (Excluding Wheels)
Net Weight	52Kg	98Kg	126Kg	128Kg
Installation Method	Wall-Mounted/Floor Standing			
Warranty	5 Years(Under Warranty Terms)			
Energy Throughput[1]	11MWh	22MWh	31MWh	35MWh
Display	RGB LED Light			
Include	Circuit Breaker			
Optional	Automatic Heating、Fire Extinguishing Module、WiFi Remote Monitoring			
Protection Grade	IP65			

[1] Conditions apply, refer to GENIXGREEN warranty letter.

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