

EBrick-OUT30/60

All-IN-ONE LV Battery System

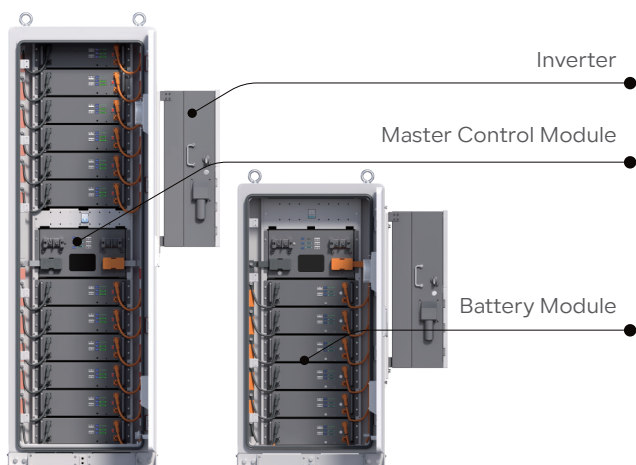
Modular Design and Easy Installation: The rack-mount design of EBrick-OUT30/60 allows for customizable and simple installation, with the flexibility to connect multiple units in parallel. This reduces installation time and costs.

WiFi Connectivity and App Control: EBrick-OUT30/60 features WiFi connectivity, enabling users to remotely monitor and control the system via a dedicated app. This enhances user experience with real-time monitoring and efficient system management.

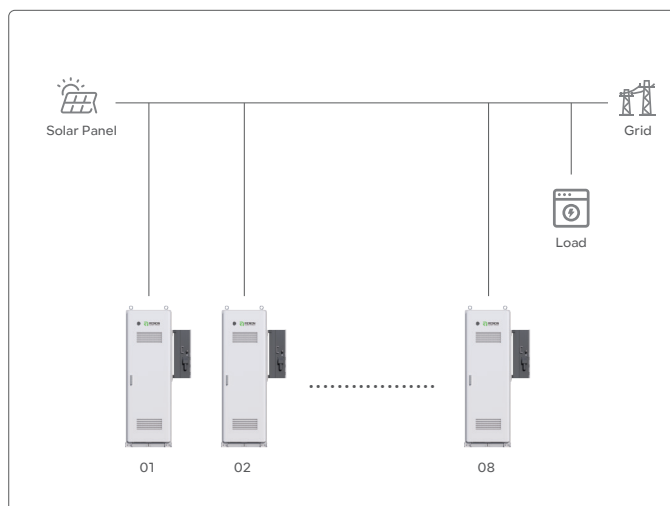
Stable LiFePO4 Battery Technology: EBrick uses reliable lithium iron phosphate (LiFePO4) batteries, offering up to 8000 cycles. Its efficient battery management system ensures high performance and safety.



Product Details



System Layout



Application Scenario



Battery Energy Storage		
Product Model	R-EB030161-OUT1	R-EB060161-OUT2
Battery Module Type	R-EB005161	
Master Control Type	R-MC300-PRO	
Product Module QTY	6	12
Nominal Energy (kWh)	30.72	61.44
Max. Charging/Discharging (A)	300	300
Nominal Capacity (Ah)	300	500
Peak for 10s (A)	330	350
Recommend Charging Voltage (V)	56.8	
Max. Charging Voltage (V)	58.4	
Discharge Cut-off (V)	43.2(Cells)	
Nominal Voltage (V)	51.2(Cells)	
Output Power voltage (V)	54(Steady Voltage)	
General Parameters		
Weight (kg/lb)	400/881.85	700/1543.23
Dimensions - W*D*H (mm/in)	760*832*1466/29.9*32.8*57.7	760*832*2266/29.9*32.8*89.2
IP Rating	IP54	
Cycle Life	8000 times @25°C, 0.5C, 80%DOD, 80%EOL	
Designed Calendar Life	10 years	
Safety Function	Over-charge, Over-discharge, Over-current Low/High-temperature, Low-voltage, Short-circuit Protections	
Operation Temperature	Discharge -20°C~50°C, Charge 0°C~50°C	
Parallel Capacity	Max. 8	
Communication	RS485, Wi-Fi, CAN	