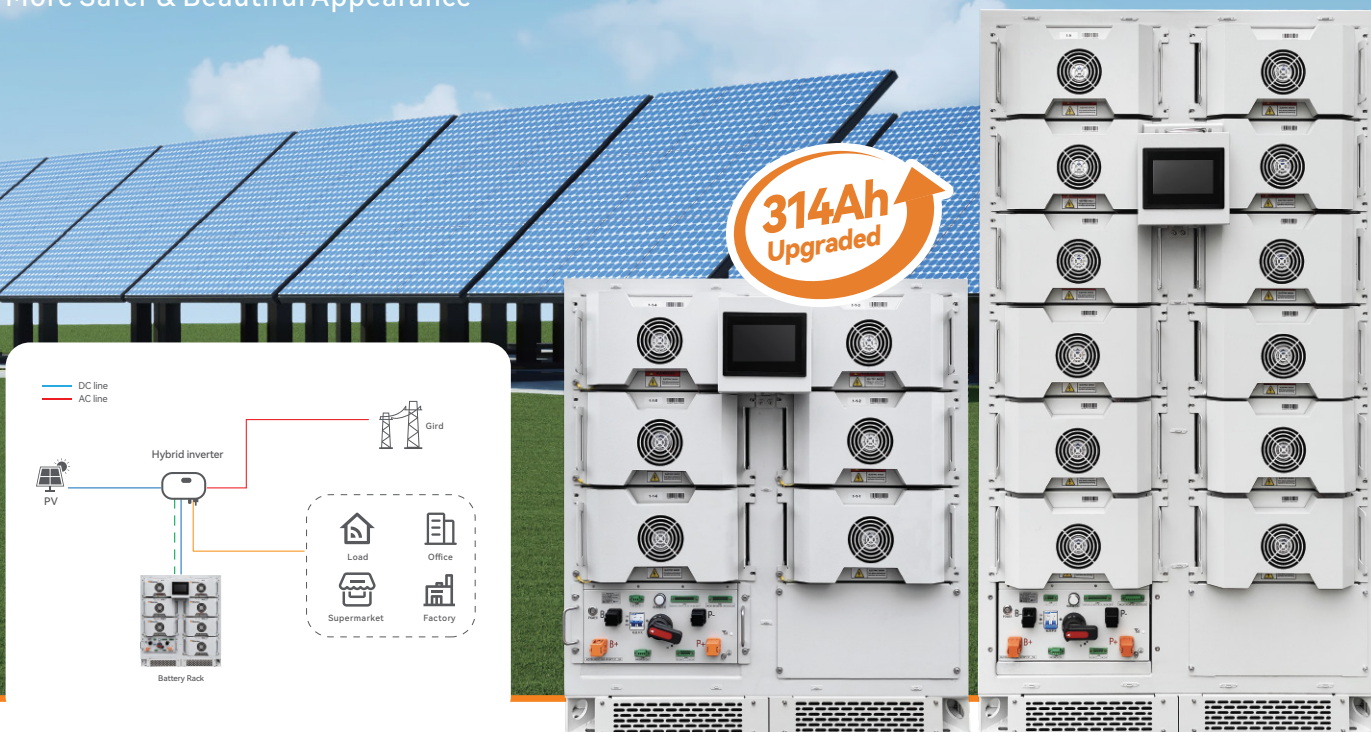


HV Indoor Energy Storage Battery EnerFlex-2.0

Dust Proof, No Cable Leakage
More Safer & Beautiful Appearance



Features and Advantages



Better Heat Dissipation

- Temperature difference reduced by 35%
- Temperature rise reduced by 32.12%



Easy Installation

- 200kWh battery installed in 5 minutes



High Flexibility

- BMS self-identification,
up to 10 units in parallel



Easy Maintenance

- External communication acquisition module and
remote screen, find the battery status in 5 minutes

SPECIFICATIONS				
Model	BS09-112-R/7S	BS09-160-R/10S	BS09-192-R/12S	BS09-225-R/14S
Nominal Voltage(V)	358.4V	512V	614.4V	716.8V
Cell Mode/Configuration	3.2V314Ah/1P16S			
Capacity(Ah)Cell	314Ah			
Nominal Energy(kWh)	112.53kWh	160.76kWh	192.92kWh	225.07kWh
Usable Energy(kWh@90%DOD) ^[1]	101.28kWh	144.69kWh	173.62kWh	202.56kWh
Max.Charge/Discharge Current(A) ^[2]	157A			
Voltage Range(V)	313.6~403.2V	448~576V	537.6~691.2V	627.2~806.4V
Communication Interface	CAN; RS485			
Cycle Life ^[3]	≥8000 Cycles (25°C, 0.5C/0.5C, 90%DOD, 70%EOL)			
Warranty Period ^[4]	5+5 years			
Design Life	≥15Years(25°C)			
Display Mode	HMI Display (optional)			
	Green light: system running / Red light: system alarm			
Cooling Method	Fan cooling			
Installation	Floor-mounted			
Cumulative Discharge Energy	180.7MWh	258.1MWh	309.8MWh	361.4MWh
MECHANICAL SPECIFICATIONS				
Weight(kg)	1015kg	1400kg	1630kg	1900kg
Dimension(W*D*H)	1100*792*1221mm	1100*792*1725mm	1100*792*1974mm	1100*792*2226mm
IP Rating	IP20			
SECURITY AND CERTIFICATIONS				
Safety(Pack)	UN38.3,MSDS			
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054			
Protection	Short-circuit protection,overcurrent protection,over-temperature protection			
ENVIRONMENTAL SPECIFICATIONS				
Operating Temperature(°C)	Charging: 0~55°C / Discharging: -20~55°C			
Working Altitude(m)	≤2000m			
Humidity	≤90%(non-condensing)			

[1] DC usable energy, test conditions: 25°C±2°C, 0.5C charge & discharge, 90% DOD. System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Battery cell life standard, using cells that meet the requirements of this standard.

[4] Conditions apply, refer to Dawnice Warranty Agreement.

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