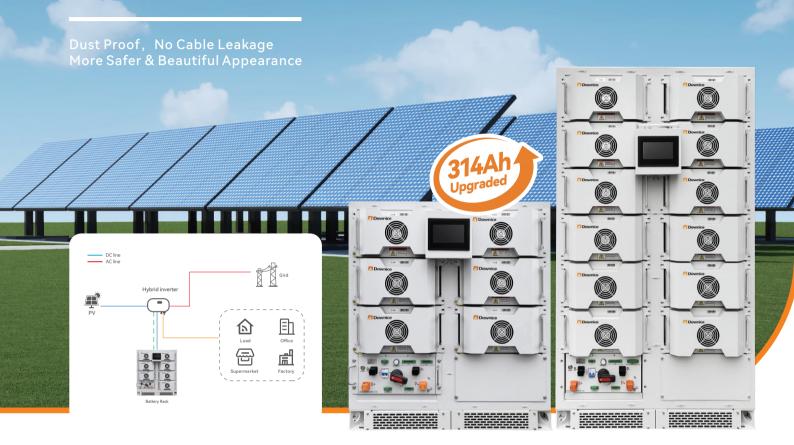


# HV Indoor Energy Storage Battery EnerFlex-2.0



# **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



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) <sup>[1]</sup>	101.28kWh	144.69kWh	173.62kWh	202.56kWh	
Max.Charge/Discharge Current(A) <sup>[2]</sup>	157A				
Voltage Range(V)	313.6~403.2V	448~576V	537.6~691.2V	627.2~806.4V	
Communication Interface	CAN; RS485				
Cycle Life <sup>[3]</sup>	≥8000 Cycles (25°C, 0.5C/0.5C, 90%DOD, 70%EOL)				
Warranty Period <sup>[4]</sup>	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*2226mn	
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				
		≤2000m			

 $<sup>[1] \</sup>quad \text{DC usable energy}, \ \ \text{test conditions:} \ 25^{\circ}\text{C} \pm 2^{\circ}\text{C}, \ \ 0.5\text{C charge \& discharge}, \ \ 90\% \ \text{DOD.} \\ \text{System usable energy may vary due to system configuration parameters}.$ 

<sup>[2]</sup> The current is affected by temperature and SOC.

 $<sup>\</sup>hbox{[3] Battery cell life standard, using cells that meet the requirements of this standard.}\\$ 

<sup>[4]</sup> Conditions apply, refer to Dawnice Warranty Agreement.