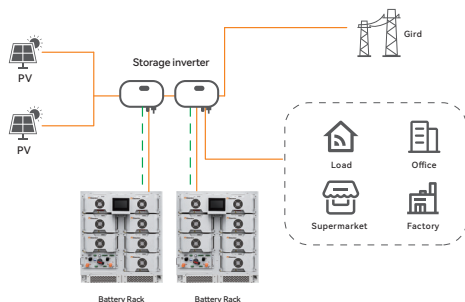


Rack Mounted Energy Storage Battery EnterFlex-2.0

Dust proof, no cable leakage, more safer
and beautiful appearance

Upgraded
314Ah



Features and Advantages



SAFETY

- Multi-protection from self developed BMS



EASY TO SCALE UP

- Be connected in parallel based on 51.2V



HIGH FLEXIBILITY

- BMS self-identification, up to 10 units in parallel, meet your requirements from 64kWh-2410kWh



BETTER HEAT DISSIPATION

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

SPECIFICATIONS				
Model(High voltage)	BS09-64-R/4S	BS09-80-R/5S	BS09-96-R/6S	BS09-112-R/7S
Nominal Voltage(V)	204.8V	256V	307.2V	358.4V
Cell mode/Configuration	3.2V314Ah/16S1P			
Capacity(Ah)Cell	314Ah			
Nominal Energy(kWh)	64.3kWh	80.38kWh	96.46kWh	112.53kWh
Usable Energy(kWh@90%DOD) ^[1]	57.87kWh	72.34kWh	86.81kWh	101.28kWh
Max.Charge/Discharge Current(A) ^[2]	157A			
Voltage Range(V)	179.2~230.4V	224~288V	268.8~345.6V	313.6~403.2V
Communication Interface	CAN; RS485			
Cycle Life ^[3]	≥8000Cycles (25℃, 0.5C/0.5C, 90%DOD, 70%EOL)			
Warranty Period ^[4]	5+5 years			
Design Life	≥15Years(25℃)			
Display Mode	HMI Display (optional)			
	Green light: system running / Red light: system alarm			
Cooling Method	Fan cooling			
Installation	Floor-mounted			
Cumulative Discharge Energy	103.2MWh	129MWh	154.9MWh	180.7MWh
MECHANICAL SPECIFICATIONS				
Weight(kg)	980kg	1103kg	1226kg	1349kg
Dimension(W*D*H)	1100*792*969mm	1100*792*969mm	1100*792*1221mm	1100*792*1221mm
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(℃)	Charging: 0~55℃ / Discharging: -20~55℃			
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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SPECIFICATIONS				
Model(High voltage)	BS09-128-R/8S	BS09-144-R/9S	BS09-160-R/10S	BS09-176-R/11S
Nominal Voltage(V)	409.6V	460.8V	512V	563.2V
Cell mode/Configuration	3.2V314Ah/16S1P			
Capacity(Ah)Cell	314Ah			
Nominal Energy(kWh)	128.61kWh	144.69kWh	160.76kWh	176.84kWh
Usable Energy(kWh@90%DOD) ^[1]	115.75kWh	130.22kWh	144.69kWh	159.16kWh
Max.Charge/Discharge Current(A) ^[2]	157A			
Voltage Range(V)	358.4~460.8V	403.2~518.4V	448~576V	492.8~633.6V
Communication Interface	CAN; RS485			
Cycle Life ^[3]	≥8000Cycles (25℃, 0.5C/0.5C, 90%DOD, 70%EOL)			
Warranty Period ^[4]	5+5 years			
Design Life	≥15Years(25℃)			
Display Mode	HMI Display (optional)			
	Green light: system running / Red light: system alarm			
Cooling Method	Fan cooling			
Installation	Floor-mounted			
Cumulative Discharge Energy	206.5MWh	232.3MWh	258.1MWh	284MWh
MECHANICAL SPECIFICATIONS				
Weight(kg)	1472 kg	1595kg	1718kg	1841kg
Dimension(W*D*H)	1100*792*1473mm	1100*792*1473mm	1100*792*1725mm	1100*792*1725mm
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(℃)	Charging: 0~55℃ / Discharging: -20~55℃			
Working Altitude(m)	≤2000m			
Humidity	≤90%(non-condensing)			

[1] DC usable energy,test conditions: 25℃±2℃,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.

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SPECIFICATIONS				
Model(High voltage)	BS09-192-R/12S	BS09-208-R/13S	BS09-225-R/14S	BS09-241-R/15S
Nominal Voltage(V)	614.4V	665.6V	716.8V	768V
Cell mode/Configuration	3.2V314Ah/16S1P			
Capacity(Ah)Cell	314Ah			
Nominal Energy(kWh)	192.92kWh	208.99kWh	225.07kWh	241.15kWh
Usable Energy(kWh@90%DOD) ^[1]	173.62kWh	188.09kWh	202.56kWh	217.03kWh
Max.Charge/Discharge Current(A) ^[2]	157A			
Voltage Range(V)	537.6~691.2V	582.4~748.8V	627.2~806.4V	672~864V
Communication Interface	CAN; RS485			
Cycle Life ^[3]	≥8000 Cycles (25℃, 0.5C/0.5C, 90%DOD, 70%EOL)			
Warranty Period ^[4]	5+5 years			
Design Life	≥15Years(25℃)			
Display Mode	HMI Display (optional)			
	Green light: system running / Red light: system alarm			
Cooling Method	Fan cooling			
Installation	Floor-mounted			
Cumulative Discharge Energy	309.8MWh	335.6MWh	361.4MWh	387.2MWh
MECHANICAL SPECIFICATIONS				
Weight(kg)	1964kg	2087kg	2210kg	2333kg
Dimension(W*D*H)	1100*792*1974mm	1100*792*1974mm	1100*792*2226mm	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(℃)	Charging: 0~55℃ / Discharging: -20~55℃			
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.

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