

MC-C

MC-C features modular design with flexible capacity from 87kWh to 291kWh for various C&I scenarios. Ultra safe (LFP) Blade Battery technology inside makes it top technical performance.



SYSTEM FEATURES

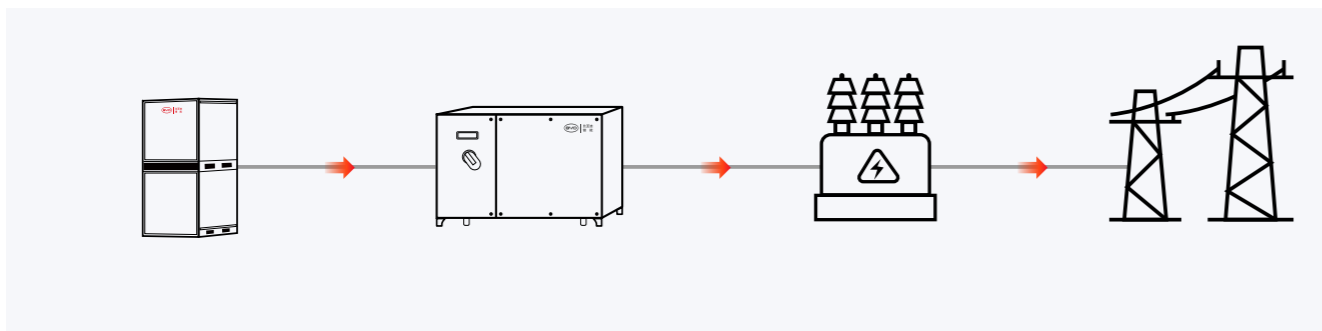
High-efficient system with safe and long life cycle Blade Battery

High energy density, minimized footprint

Flexible configuration and strong scalability

Strong environmental adaptability with IP65 rating

CIRCUIT DIAGRAM



System Parameters

System Type								
DC Data (LFP)								
Number of Modules	3	4	5	6	7	8	9	10
Nominal Voltage	249.6V	332.8V	416V	499.2V	582.4V	665.6V	748.8V	832V
Battery Voltage Range	202.8V 280.8V	270.4V 374.4V	338V 468V	405.6V 561.6V	473.2V 655.2V	540.8V 748.8V	608.4V 842.4V	676V 936V
Battery Capacity(BOL)	87.3kWh	116.4kWh	145.6kWh	174.7kWh	203.8kWh	232.9kWh	262.1kWh	291.2kWh
DC Usable Energy (BOL)@FAT	83.8kWh	111.7kWh	139.7kWh	167.6kWh	195.5kWh	223.5kWh	251.4kWh	279.3kWh
Nominal Power	42kW	55kW	69kW	83kW	97kW	111kW	125kW	140kW

System Data	
Dimensions(W×D×H)	1120×1180×1150mm / 1120×1180×2300mm
Weight	800~2300kg
IP Rating	IP65
Ambient Operating Temperature Range	-20°C~+55°C 【1】
Relative Humidity	5%~95%
Max. Working Altitude	<3000m 【2】
Cooling Concept	Liquid cooling
Fire Suppression System	Aerosol
Communication Protocols	Modbus TCP
Certification	IEC62619, UL1973, UL9540, UL9540A

Note:

【1】 Power derating will occur when the ambient temperature is below -15°C or above +45°C.

【2】 Power derating will occur when the altitude is between 2000-3000m.