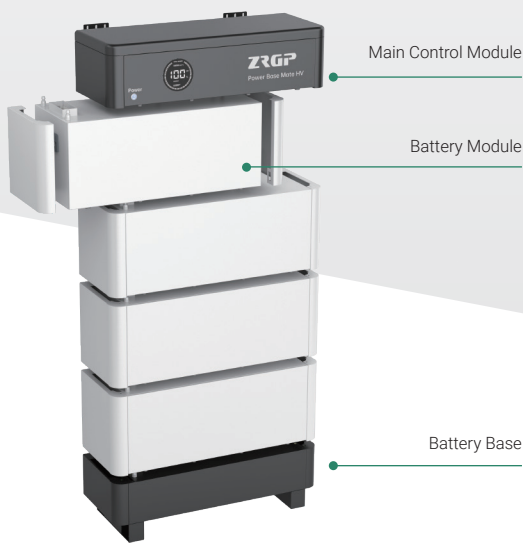


# PowerBase Mate HV

Stacked High Voltage  
Energy Storage System

9.6 kWh-----28.8 kWh



## Key Features



### Safety

Built-in protection mechanisms and high-quality components ensure safe and reliable battery operation.

### IP 55

#### Waterproof IP55

Multiple Scenarios for both indoor & outdoor installation



#### High Compatibility

Compatible Over 14 Leading Inverter Brands



### Flexibility

Modular Design Expand Anytime



### Intelligent






Screen Display for Status and Faults , with App Control and Monitoring Support



### Cable-free Installation

Save up to 50% installation time

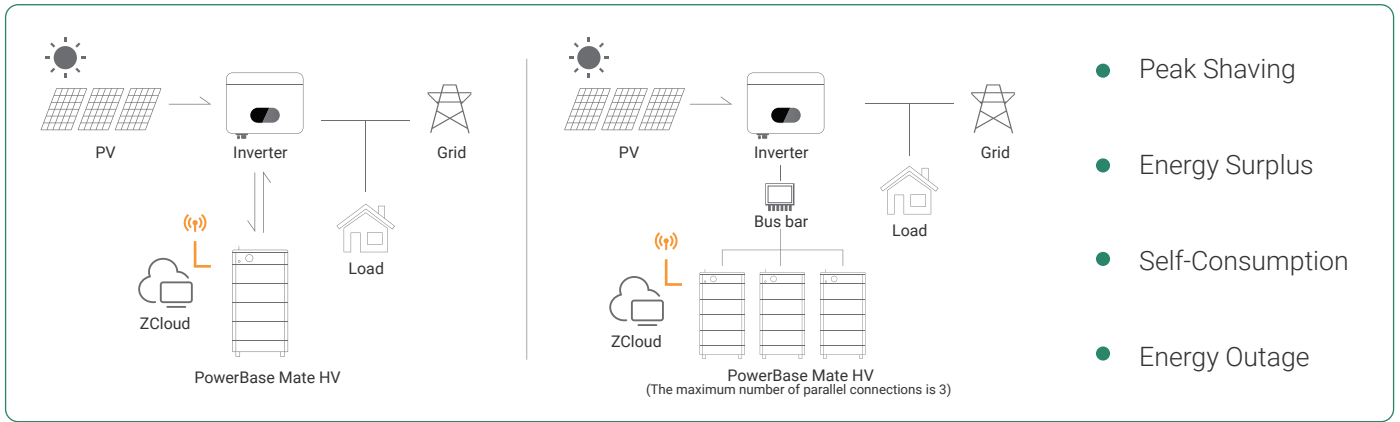
## ■ Main Parameters

Battery Module QTY	2	3	4	5	6
Schematic Diagram					
Usable Energy (kWh)	9.6	14.4	19.2	24	28.8
Max Continuous Power (kW)	9.216	13.824	18.432	23.040	27.648
Battery Configuration	60S1P	90S1P	120S1P	150S1P	180S1P
Nominal Voltage (V)	192	288	384	480	576
Recommend Charging Voltage (V)	213	319.5	426	532.5	639
Max.Charging Voltage (V)	219	328.5	438	547.5	657
Recommend Discharge Cut-off Voltage (V)	175.8	263.7	351.6	439.5	527.4
Weight (Approx.) (kg)	140	195	250	305	360
Size	L×W(mm)	258*688			
	H (mm)	848	1085	1322	1559
Max.Charging/Discharging Current (A)	48				
Peak for 10s (A)	75				
Master Controlle Module	ZR-MC500-100M3(HV)				
Battery Module	ZR-FS9650-301SR2				
Nominal Capacity (Ah)	50				
Chemistry	LiFePO4				
Protection Level	IP55				
Communication	RS485/CAN/WIFI				
Cycle Life	8000 times				
Designed Calender Life	≥10 years				
Safety Function	Over-charge, Over-discharge, Over-current, Low/High-temperature, Low-voltage, Short-circuit Protections				
Application	ON Grid (Self consumption/ON Grid+Backup) and Off Grid				
Certification	CEI 0-21/CE/IEC 62619/UN 38.3/MSDS				

Compatible Inverter Brands:



## ■ System Layout



## ■ Packaging And Shipping Details

