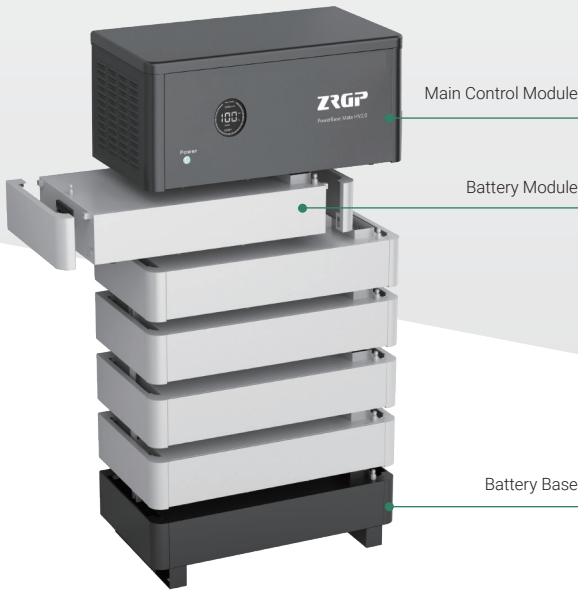


PowerBase

Mate HV 2.0

Stacked High Voltage
Energy Storage System

10.24kWh-----614.4kWh



Key Features



Safety

Tier-1 Grade A LFP Battery
2-layer Safety Protection IP55



Reliability

Battery & BMS R&D Started from 2014
80,000 Battery Modules in 90+ Countries



High Voltage Output

Constant 380Vdc by DCDC



Flexibility

Modular Design
Expand Anytime



Intelligent Management









Monitoring and Analysis by APP
Remote Diagnosis and OTA



Cable-free Installation

Save up to 50% installation time

Main Parameters

Battery Module QTY	2	3	4	5	6	7	8
Schematic Diagram							
Usable Energy (kWh) ^[1]	10.24	15.36	20.48	25.6	30.72	35.84	40.96
Max Continuous Power (kW)	9.2	13.8	15.0				
Max Peak Current (A)	32A,10S	48A,10s					
L*W(mm)	735*400						
H(mm)	814	966	1119	1272	1425	1578	1731
Net Weight (kg)	167	218	269	320	371	422	473
Master Control Module	ZR-MC500-100M3						
Battery Module	ZR-FS48100-160SJ1						
Nominal Voltage (V)	380V constant						
Operating Voltage Range (V)	260V~400V settable						
Cycle Life	8000 times						
Communication	CAN/RS485/RS232/WIFI						
Protection Level	IP55						
Warranty ^[2]	10 years product warranty						
Operating Temperature ^[3]	-20°C to +55°C (Charge 0°C to +55°C)						
Certification	UL1973/UL9540A/TUV(IEC62619)/UN38.3/MSDS						
Scalability	Max.15 systems in parallel						
Application	ON Grid(Self consumption/ON Grid+Backup/Backup)and Off Grid.						
Compatible Inverter Brands:							

[1] Test conditions:100% DOD,0.2C charge & discharge @+25 C . System Usable Energy may be variant with different inverter brands

[2] Conditions:Refer to power base mate Warranty.

[3]-20 C ~ 12 C will be derating.