

Features

Lift-up Mobility

- From 5.12kWh to 614.4kWh
- Between 2 to 8 battery modules can be used in single stack to give 10.24 to 40.96kWh usable capacity
- Up to 15 stacks can be connected in parallel to give a maximum 614.4kWh usable capacity
- · Additional module or parallel stack can be added to increase capacity

Safety Guaranteed

- · LFP battery, Cobalt free, environmentally friendly
- · Maximized safety, cycle life, and power output

Wide-range Application Scenarios

- · Suitable for Emergency-Backup and Off-Grid
- Self-Consumption Optimization for Residential and Commercial

Compatible Inverter Brands:













Sol-Ark



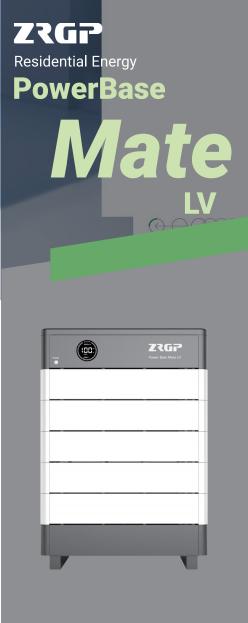
















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	ZR-MC100-200M2 ZR-FS48100-160SJ1								
Main Control Module									
Battery Module									
Battery Module QTY	2	3	4	5	6	7	8		
Usable Energy (kWh)[1]	10.24	15.36	20.48	25.6	30.72	35.84	40.96		
Max Countinuous Power (kW) ^[2]	9	13		15					
Max Peak Current (A)[3]	200,10s	300,10s	400,10s	500,10s					
Nominal Voltage (V)	51.2								
Operating Voltage Range (V)	43.2-58.4								
Cycle Life	8000 times								
Communication	CAN/RS485/RS232/WIFI								
	735×400 (L*W)								
L×W×H (mm)	635	770	905	1040	1176	1311	1446		
Net Weight (kg)	138	189	240	291	342	393	444		
Protection Level	IP55								
Warranty ^[4]	10 years product warranty								
Operating Temperature ^[5]	-20°C to +55°C (Charge 0°C to +55°C)								
Certification	CE/UKCA/IEC 62619/UL 1973/UL9540/UN 38.3/MSDS								
Scalability	Max.15 systems in parallel								
Application	ON Grid (Self consumption/ON Grid+Backup/Backup) and Off Grid								

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

^[2] Main circuit breaker maximum current capability.

^[3] In off-grid applications, the main circuit breaker should be bypassed, use a separate circuit breaker with a large current capacity.

^[4] Conditions: Refer to Power Base Mate warranty.

^{[5] -20} $^{\circ}$ C ~ 15 $^{\circ}$ C / 50 $^{\circ}$ C ~ 55 $^{\circ}$ C will be derating.