

PrimePower Battery

MID-HV10-75

75kWh

Maximum System
Expandability

0.6C

Rapid
Charging/Discharging

8 000

Cycles
Long-life cycle

-20°C~55°C

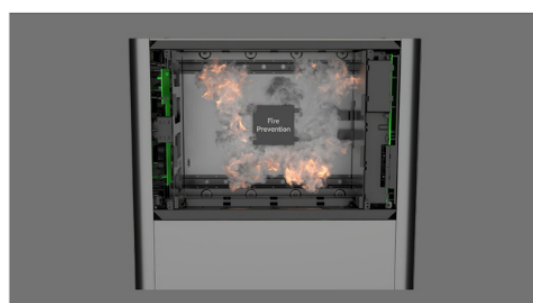
Wide Operating Range

✓ Performance features

- Independent BMS in each pack for enhanced performance and safety.
- Each battery is controlled independently, no effect on matching new and old batteries.
- 170 mm depth and parallel connection design allow for flexible installations.
- Modular design for easy storage, maintenance and replacement.
- Integrated heating technology – full performance even when temperatures are below zero.
- Protection against deep discharge:
automatic shutdown when minimum voltage is undershot thanks to 90% DoD.

✓ Maximum Safety

- Built-in fire extinguishing layer for added protection.
- Weather-resistant – IP65 protection, suitable for indoor and outdoor installation.
- Thanks to high-quality insulation:
double protection through physical barriers and electronic fuse.
- 10 years warranty
- TÜV Certification



Model	MID-HV10	MID-HV15	MID-HV20	MID-HV25	MID-HV30
System Demo					
					
Module Number	2	3	4	5	6
Nominal Capacity	10kWh	15kWh	20kWh	25kWh	30kWh
Nominal Power	6kW	9kW	12kW	15kW	18kW
Peak Output Power	8kW	12kW	16kW	20kW	24kW
Dimension:W*D*H (mm)	674*170*895	674*170*1315	674*170*895 674*170*895	674*170*895 674*170*1315	674*170*1315 674*170*1315
Weight (kg)	116	174	232	290	348
Electric Parameter					
Battery type	LFP battery with integrated BMS and PCU (DC-DC converter)				
Nominal Voltage	400				
Operating Voltage Range	350~435V				
Output Current	7.5A				
Ingress Protection	IP65				
Installation	Wall-mounted or Floor installation*1 (Floor installation requires extra base) (W/D/H=674/170/50mm)				
Operating Ambient Temperature	- 20°C~ +55°C				
Relative Humidity	5%~95%				
Cooling	Natural				
Altitude	≤4000m				
Depth of Discharge (DoD)	90%				
Communication Port	CAN/RS485				
Service Life					
Cycle Life	>8 000 cycle				
Certification					
Safety & Certification	IEC62619(Cell&Pack), IEC62477,,IEC61000,CE, UL1973, UL9540A				
Transportation	UN38.3, ROHS, REACH.				

*The total height includes a base of +55 mm per battery module.