MidTeQ PrimePower Battery

Modular battery storage · MID-HV10–75

PrimePower is modular high-voltage storage that grows with the household: from 10 to 75 kWh in 5 kWh modules. Every module has its own BMS, so new and existing modules can be combined without loss. IP65 and integrated heating make it ready for indoor and outdoor installation.



75 kWh
Max. system expandability

0.6 C
Fast charging / discharging

8 000
Cycle life

-20...55 °C
Wide operating range

Maximum safety

- **Double protection** through physical barriers and an electronic fuse, thanks to high-quality insulation.
- **Built-in fire-extinguishing layer** for additional protection.
- **Deep-discharge protection —** automatic cut-off below minimum voltage, at 90% depth of discharge.
- **Weatherproof — IP65 protection,** suitable for indoor and outdoor installation.
- **TÜV certified,** 10-year warranty.

Modular & flexible

- **Independent BMS in every module** for improved performance and safety.
- Every battery is controlled independently — new and old modules can be combined without influencing each other.
- **170 mm depth** and parallel connection design allow flexible installation.
- Modular design for easy storage, maintenance and replacement.
- **Integrated heating technology —** full performance even below freezing.

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Technical specifications

Model	MID-HV10	MID-HV15	MID-HV20	MID-HV25	MID-HV30
SYSTEM CONFIGURATION					
Number of modules	2	3	4	5	6
Nominal capacity	10 kWh	15 kWh	20 kWh	25 kWh	30 kWh
Nominal power	6 kW	9 kW	12 kW	15 kW	18 kW
Peak output power	8 kW	12 kW	16 kW	20 kW	24 kW
Dimensions (W × D × H) [mm]	674×170×895	674×170×895	674×170×895	674×170×1315	674×170×1315
Weight [kg]	116	174	232	290	348
ELECTRICAL PARAMETERS					
Battery type	Lithium (LFP) battery with BMS				
Nominal voltage	400 V				
Operating voltage range	350–435 V				
Output current	7.5 A				
Depth of discharge (DoD)	90%				
Communication port	CAN / RS485				

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INSTALLATION & ENVIRONMENT					
Ingress protection	IP65				
Installation	Wall mounting or floor installation (floor installation requires an additional base, W/D/H = 674/170/50 mm)				
Operating ambient temperature	-20 °C ... +55 °C				
Relative humidity	5% – 95%				
Cooling	Natural				
Altitude	≤ 4000 m				
SERVICE LIFE					
Service life	> 10 years				
Cycle life	> 8 000 cycles				
SAFETY & CERTIFICATION					
Certification	IEC 62619 (Cell & Pack), IEC 62477, IEC 61000, CE, UL 1973, UL 9540A				
Transportation	UN 38.3, RoHS, REACH				

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

Specifications are subject to change without notice.

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