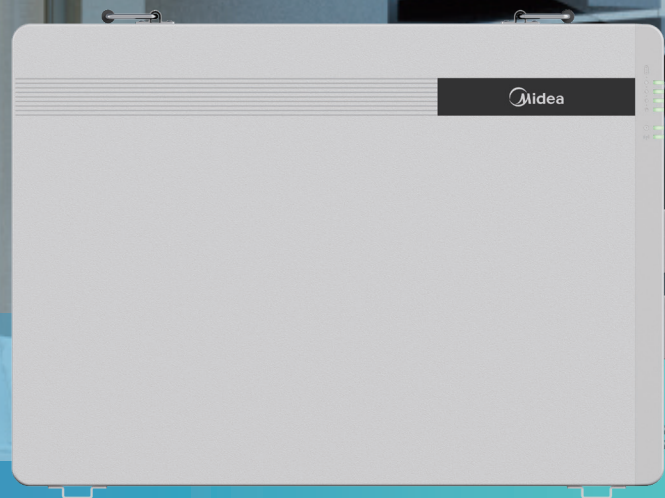




RESIDENTIAL LOW VOLTAGE BATTERY

Safe & Long-Lasting



- LiFePO₄ cells for high safety and long cycle life
- Eco-friendly, non-toxic materials

Modular & Scalable



- Expandable up to 4 units (max. 96 kWh)
- Smart BMS with remote monitoring and auto networking
- Up to 6 units in parallel

Reliable Performance



- 300A peak discharge
- Operates from -20°C to 55°C

Model	MEB2-B16L-INT	MEB2-B16L-INT-Pro
Nominal Energy [kWh]	16.1	16.1
Max. charge power [kW]	8	8
Max. discharge power [kW]	11.5	11.5
Sizes (W*H*D) [mm]	730*510*200	830*520*220
Weight [kg]	≤120	≤120
Battery Chemistry	LFP	LFP
Max. continuous charge current [A]	160	160
Max. continuous discharge current [A]	230	230
Peak charge current [A,20s]	300	300
Peak discharge current [A, 20s]	300	300
Rated Voltage [V]	51.2	51.2
Voltage Range [V]	44.8-57.6	44.8-57.6
Cell room Temperature Cycle Life *	8000 Cycles	8000 Cycles
Warranty Period *	10 years	10 years
Operating ambient temperature	Charge: 0 ~ 55°C / Discharge: -20 ~ 55°C	Charge / Discharge: -20 ~ 55°C
Operating ambient humidity	5% ~ 95%RH	5% ~ 95%RH
Altitude	≤3000m	≤3000m
Communication Port	CAN	CAN
Regulation compliance	IEC 62619, IEC 63056, IEC 62040-1, IEC 60730, UN 38.3/MSDS, (EU) 2023/1542	IEC 62619, IEC 63056, IEC 62040-1, IEC 60730, UN 38.3/MSDS, (EU) 2023/1542
EMC standard	IEC61000-6-1/2/3/4	IEC61000-6-1/2/3/4
Ingress Protection rate	IP20	IP66
Mounting	Floor-Mounted / Wall-Mounted	Floor-Mounted / Wall-Mounted

* The warranty is due whichever reached first of warranty period or Cell room Temperature Cycle Life.