

EnverBank

DC storage



DC storage

For existing on-grid solar systems. Store electricity for night consumption



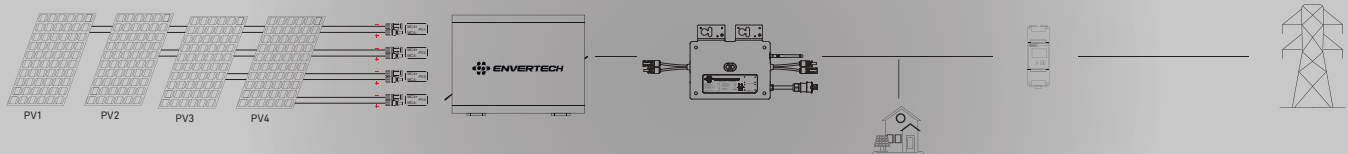
≥ 6000 Cycles

Ultra long life with more than 6000 cycles



Smart Control

Intelligent app control to maximize spontaneous self-use rate



DATASHEET

Model	EB1600
Battery Parameters	
Battery Type	LifePO ₄
Rated Voltage	51.2V
Battery Capacity	2048Wh
Cycle Life	6000(25°C)
Depth of Discharge	90%
Maximum Charging Current	40A
DC Input(PV Side)	
Maximum Input Power	800w×2 Max
Operating Voltage Range	12V-60V
MPPT Startup Voltage	18V
Peak Conversion Efficiency	98%
Maximum Input Voltage	60V
Maximum Input Current per Channel	25A
Number of MPPT	2
MPPT Tracking Efficiency	99.9%
DC Output(INV Side)	
Maximum Output Power	800W×2 Max
Output Conversion Efficiency	98%
Operating Voltage Range	18V~55V
Maximum Output Voltage	55V
Maximum Output Current per Channel	28A
Battery Output Short Circuit Protection Current	90A
Battery	
All-in-One Unit Dimensions	480×230×296mm
Net Weight of All-in-One Unit	≈23kg
Maximum Number of Expandable Battery Packs	4 pcs
Expansion Battery Pack Capacity	2048Wh
Expansion Battery Pack Dimensions	480×230×240mm
Expansion Battery Pack Weight	≈20kg
Charging Operating Temperature	0°C~55°C
DisCharging Operating Temperature	-20°C~65°C
Protection Rating	IP65
Communication Method	Wi-Fi
Cooling Method	Natural Cooling
Product Packaging Dimensions	532×282×373mm