EnverBank

EB2000

DC storage

DC storage

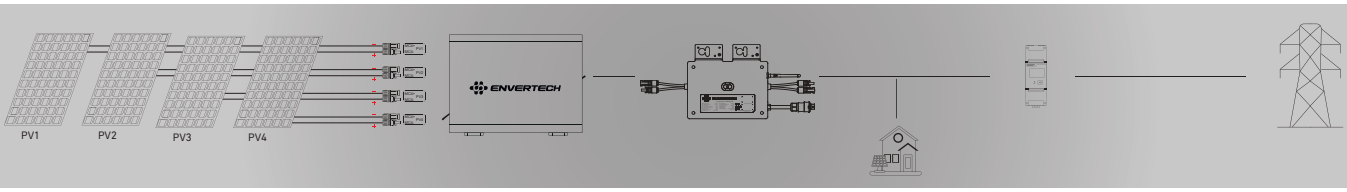
For existing on-grid solar systems. Store electricity for night consumption

≥ 6000 Cycles

Ultra long life with more than 6000 cycles

Smart Control

Intelligent app control to maximize spontaneous self-use rate



ENVERTECH

www.envertec.com

DATASHEET

Model	EB2000
	Battery Parameters
Battery Type	LifePO4
Rated Voltage	51.2V
Battery Capacity	2000Wh
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
	General parameters
Dimensions	480×230×296mm
Weight	≈23kg
Charging Operating Temperature	0℃~55℃
DisCharging Operating Temperature	-20℃~65℃
Protection Rating	IP65
Communication Method	Wi-Fi
Cooling Method	Natural Cooling
Certifications	CE/EMC/LVD/RoHS
	Expansion
Model	EB2000E
Max. Parallel Slave Battery Packs	5
Battery Capacity	2000Wh
Battery Pack Dimensions	480×230×240mm
Battery Pack Weight	≈20kg