



• Advantage



High Energy Density

2.4kWh capacity in 2U standard 19-inch rack



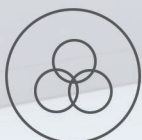
Over-long Warranty

7 years / 10 years optional warranty



Full Available Capacity

Support 100% DOD operation



Wide Compatibility

Compatible with a wide range of inverter brands, plug and play



Proven Safety

Advanced BMS and LFP cells ensure system with highest safety

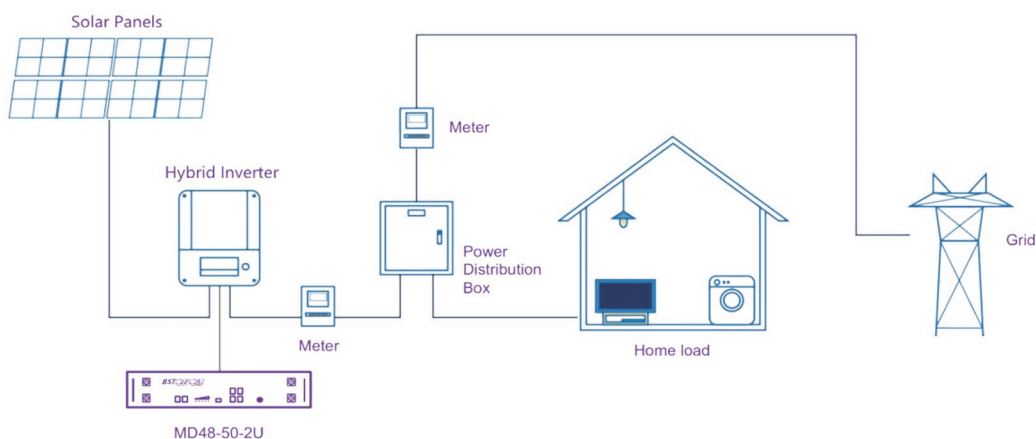


Scalability

Support up to 15 parallel connection, realize 2.4kWh-36kWh capacity coverage



• Run topology / Basic parameters



PARAMETERS		MD48-50-2U
Electrical	Nominal Voltage (V)	48
	Nominal Capacity (Ah)	50
	Nominal Energy (kWh)	2.4
	Operating Voltage Range (V)	40.5~53.5
	Standard Charging Current (A)	25
	Standard Discharging Current (A)	25
	Max. Output Power (kW)	2.4
Protection	Over Charge	✓
	Over Discharge	✓
	Over Current	✓
	Reverse Connection	✓
	Short Circuit	✓
	Temperature	✓
Physical	Dimensions (W×D×H, mm)	440×410×88.5
	Weight (kg)	~24
Others	Communication	RS485/CAN/BLE/WIFI
	Scalability	up to 15
	Charging Temperature	0~45℃
	Discharging Temperature	-20~50℃
	Design Life	10+ years
	Cycle Life	>6000
	Certification	UN38.3 CE RoHS IEC62619
	Compatible Inverters	Deye/GOODWE/Growatt/Sofar/Solis/Victron/Voltronic and more brands to be announced