



Inbox Energy 32 kWh Battery

Description	Specifications
Norminal Power (KWh)	32 kWh
Norminal Capacity (Ah)	620 Ah
Norminal Voltage (V)	51.2 V
Material Type	Lithium Battery (LiFePO4)
Dimensions including wheels (mm)	735×535×935mm (LxWxH)
Weight (kg)	About 280 kg
Discharging Voltage (V)	40~58.4 V
Max Charging	200 A
Continuous Discharging (A)	250 A
Peak Discharging (A)	400 A
Expansibility	Parallel 16 pcs
Installation Method	Floor mounted
Communication Port (Optional)	RS485 / CAN
Working temperature (°C)	-20~65°C
Humidity	45-85% RH
IP Grade (IP)	IP65
Altitude	<3000m
Authentication Level	TuV/CE/UN38.3/MSDS
Design Life (Years)	30+ Years
Cycle Life (Cycles)	Super >12000 Times
Compatible with nearly all kinds of inverters, SMA, Solar Edge, Sunny Island, Deye, Growatt, Goodwe, Outback, etc.	

Cell Unit Parameters

Description	Specifications
Battery types and materials	LiFePO4
Rated voltage/capacity	3.2 V 310 Ah
Single battery voltage range	2.5 V ~ 3.65 V
Single battery weight	5.3kg
Battery internal resistance	<0.6mΩ
Battery cell size	174×72×205mm (LxWxH)

Battery parameters

Rated voltage	51.2 V
Rated capacity	620 Ah
Battery pack voltage range	44.0 V ~ 58.4 V
Total Energy	~31.8 kWh
Combination	2P16S
Insulation resistance test value	≤20MΩ
Operating temperature	Charging 0 ~ 45°C ; Discharging -20 ~ 60°C
Standard charging current	≤200 A
Standard discharging current	≤200 A
Gross weight	About 280kg
Battery size	735×535×935mm (LxWxH)
Installation method	Floor mounted
Communication	RS485/CAN



Product Photos



32 kWh Unit

Mounted on wheels

735×535×935mm (LxWxH)



Real life sample



Packaging

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