

Energy Storage System Series

# Residential Energy Storage Battery Cabinet

## Product Features:

### Simple and Flexible

- Modular design, easy installation and operation;
- Support battery expansion;

### Economical & Friendly

- System cycle life  $\geq 10$  years;
- Support peak load shifting and important load backup;

### Intelligent & Efficient

- Integrated BMS management system to support intelligent management;
- Compatible with CANbus/RS485 communication interface;



## Technical Specification:

Technical Specification	E072B048	E144B048
Total energy(kWh)	2.4/4.8/7.2	9.6/12/14.4
Nominal voltage(V)	48	48
Designed life	≥10 years (25 °C /77F)	≥10 years (25 °C/77F)
Discharge voltage(V)	45~ 54	45~ 54
Charging voltage(V)	52.5~ 54	52.5~54
Max. charging current(A)	25/50/75	100/120
Max. discharge current(A)	25/50/75	100/120
Storage temperature	-10°C ~+60°C	-10°C ~+60°C
Max. working altitude(m)	<4,000	<4,000
Relative humidity	10%~90%	10%~90%
Installation	GT-XL	GT-XL
Ingress protection	IP21	IP21
Operating temperature	-10°C ~+50°C ( discharge ) 0°C ~+50°C ( charging )	-10°C ~+50°C ( discharge ) 0°C ~+50°C ( charging )
Weight(kg)	83	163
Dimension W*D*H(mm)	520*350*680	520*350*1,200
Certificates	CE	CE