

Solar Energy Storage System

Wall-mounted Energy Storage Battery with 48V100Ah

Electrical Performance

Nominal Voltage	48V
Nominal Capacity	100Ah
Energy	5120Wh
Communication	RS232/RS485/CAN
Resistance	≤10mΩ
Cycle life	5000 cycles@80%
Protection	BMS

Full Charge Voltage (FC)	58.4V
Full Discharge Voltage (FD)	40V
Rated Discharging Current	20A
Max Discharging Current	100A
Charge Voltage	58.4V
Charge Current	40A
Maximum Charge Current	50A



Wall-mounted Energy Storage Battery

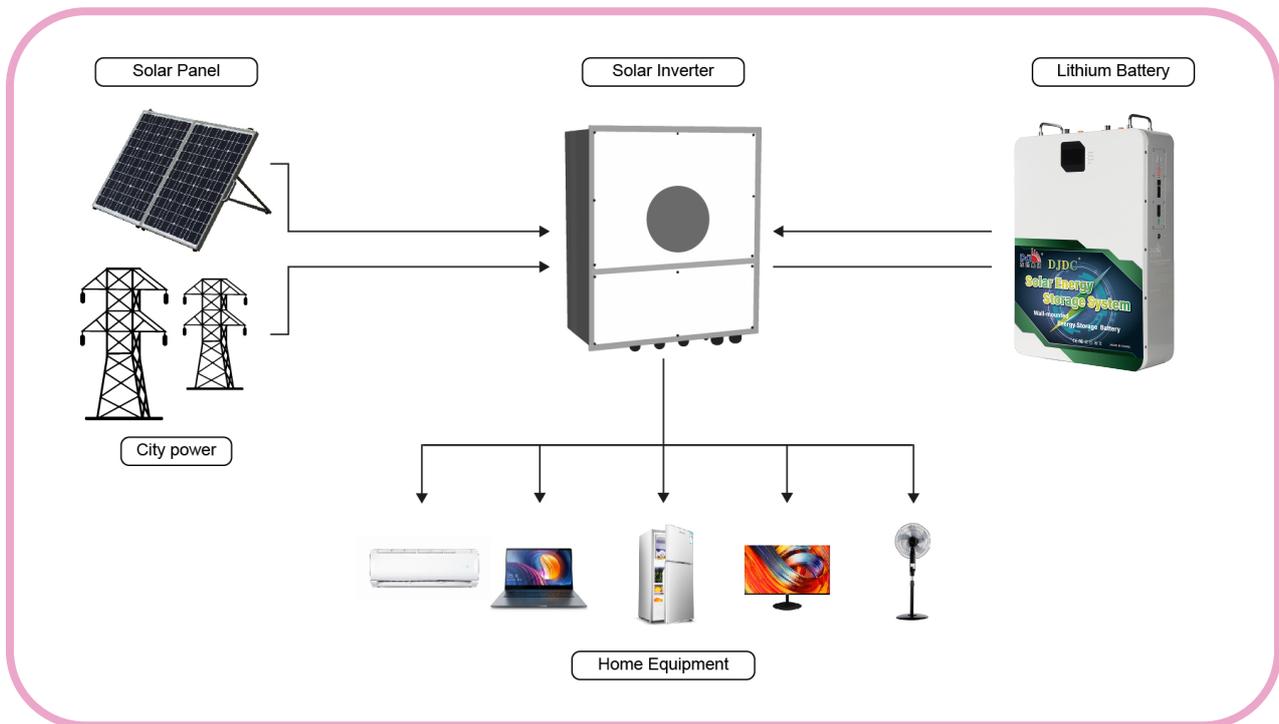
Standard Charge Method	0.2C cC (Constant current) charge to FC, cv (Constant voltage FC) charge till charge current decline to <0.05C
Display	LCD
Charge temperature range	0~45°C
Discharge temperatre range	-20°C~60°C
Dimension, D×W×H (mm)	602×420×142mm
Net Weight (kgs)	45

Outline Dimension



Performance may vary depending on application .All specifications are subject to change witout prior notice to the user.This data is or evaluation purposes only. No guarntee is intended or implied this data. For clarification and updated information, please contact us.

System Diagram



Features

High cycle life

5000 cycles@80% for effectively lower total of ownership cost.

Longer service life

Low maintenance batteries with stable chemistry.

Built in circuit protection

Built in protection for over-charge, over-discharge & over-temperature.

Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C.

More adapters

Compatible with most inverters and chargers.

Communication interface

CAN Bus, fully integrates and communicates with leading Inverter brands.

CONTACT US

✉ dongjingroup.pk@gmail.com

☎ 021-35136020

🌐 www.dongjin-battery.com

Dongjin Battery Pk



Applications

Solar Storage

Switching applications and more

Base transceiver station

communication equipments

Central office

Telecommunication systems.

Electronic cash registers

Microprocessor based office

machine

UPS

Cautions

Do not short circuit, reverse polarity, crush or disassemble.

Do not heat or incinerate.

Do not immerse in any liquid.