



POWER WALL

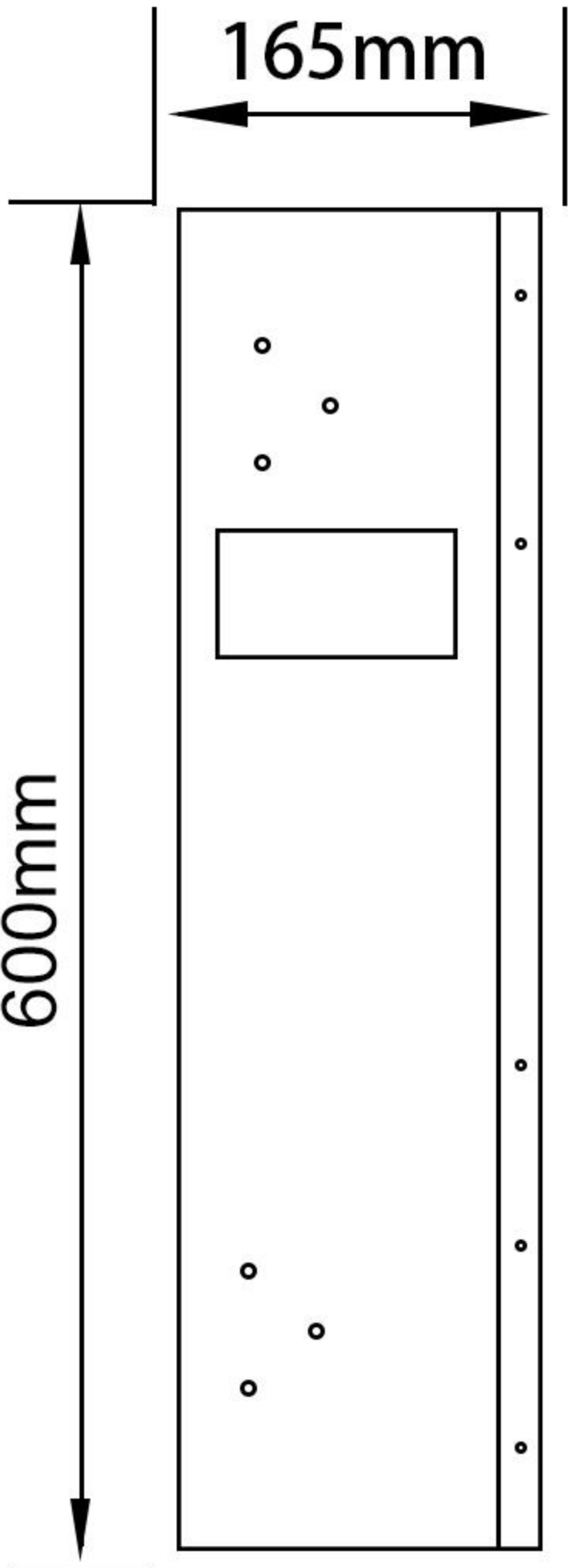
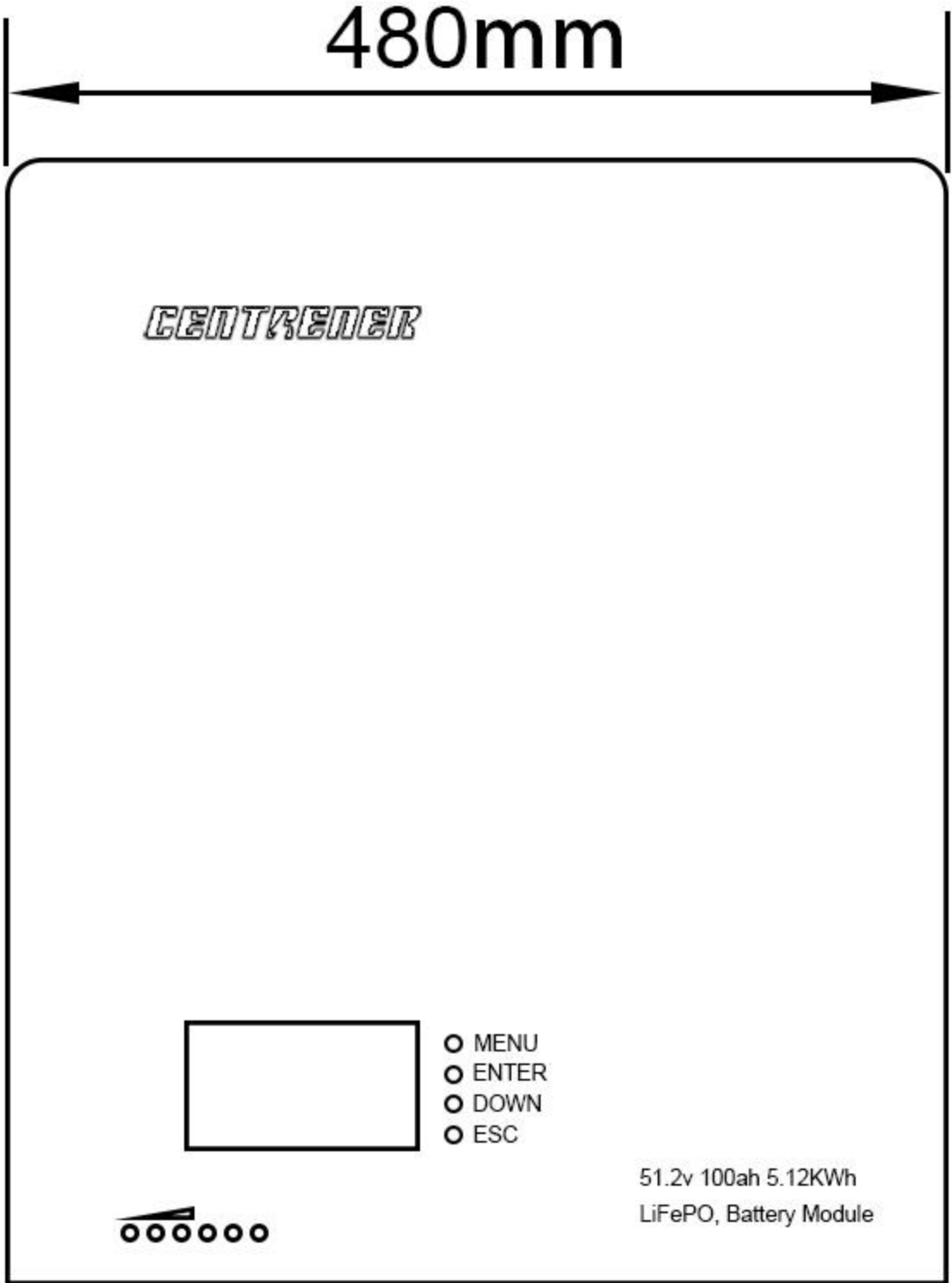
Tesla Powerwall is a fully-integrated AC battery system for residential or light commercial use. Its rechargeable lithium-ion battery pack provides energy storage for solar self-consumption, time-based control, and backup.

Powerwall’s electrical interface provides a simple connection to any home or building. Its revolutionary compact design achieves market-leading energy density and is easy to install, enabling owners to quickly realize the benefits of reliable, clean power.

PERFORMANCE SPECIFICATIONS

Product Model	ES-BOX2
Nominal Energy	5KWH
Nominal Voltage	48V
Nominal Capacity	100Ah
Cell Type	LFP
End of Charge Voltage	54(Adjustable)
Max Charge Current	50A/100A (Optional)
Standard Discharge Current	100A
Max Discharge Current	150A (Optional)
Parallel Function	Support 10 Units In Parallel
Communication Interface	RS485/CAN/RS232/BT (optional)
Calendar Life	15+ Years @25°C 80%DOD
Cycle Life	≥6000 Cycles(80%DOD)
Charge temperature range	0~50°C
Discharge temperature range	-15~60°C
Certification	Cel:UL1642/IEC62619/CE/ROHS/MSDS /UN38.3 Pack:CE/MSDS/UN38.3
Dimensions	600*480*165mm
Weight	About 49Kg
Installation method	(Wall mounted)

*Test condition: 80% DOD, 0.2C charge & discharge @25°C





Powerwall lets you store solar energy generated during the day and use it to power your home at night. It can also back up your home in the event of a utility power outage. Powerwall is compact, safe and includes a built-in battery inverter, which provides easier integration and over-the-air updates for new features and functions.

Self-Powered Home

Use solar and Powerwall to reduce reliance on the grid and run your home off solar day and night

Backup Power

Protect your home from a power outage with seamless and reliable backup power

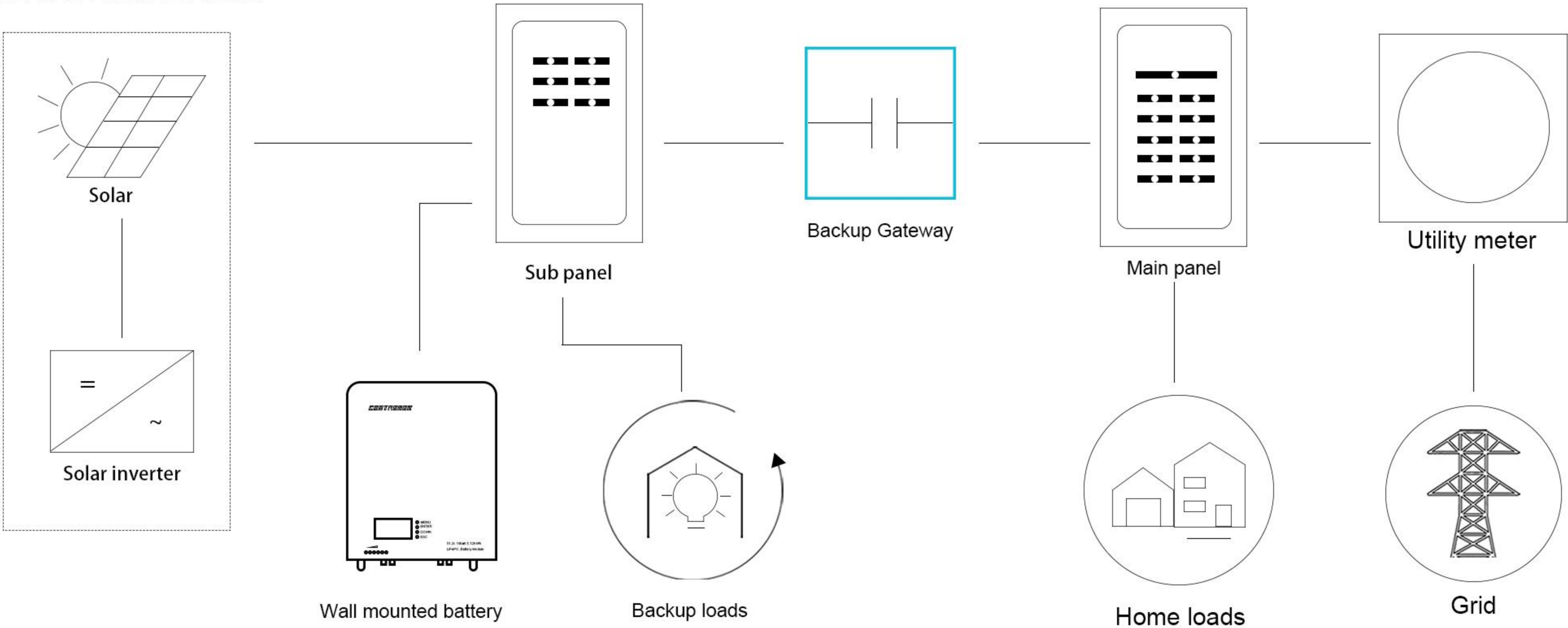
Time-Based Control

Reduce your electricity bill, if your utility offers a time-of-use rate plan

Home Energy Control

Manage and control your home energy use in real-time with the mobile app

PARTIAL HOME BACKUP



Compatible with inverter brands

CENTRENER battery BMS supports simultaneous communication and compatible with multiple inverter brands



Super Points: ONE Battery For Multiple Brand inverters