

# WHAYO

## Powerwall

### 5kWh | Low voltage battery

Whayo Powerwall is a low-voltage lithium battery specially designed for residential applications with superior performance. Compatible with Deye Growatt Solis , Whayo Powerwall can communicate intelligently and display the battery status in real time, thus extending the service life by 15 years. It can be used flexibly for self-consumption and backup applications with a wide capacity range scalable from 5 – 40 kWh. The installation and commissioning are easier and faster than ever with a simple Plug and Play wiring and module auto recognition during system setup. Meet this highly efficient solution for storing your solar power and use it whenever needed.



#### Smart Control

- Remote diagnosis & update
- Auto reboot after undervoltage



#### Long Life Span

- 15 years life design
- More than 6000 cycles



#### Perfect Compatibility

- Support 1-8 battery in Parallel
- Compatible to single & three phase inverters



#### Safe & Reliable

- Lithium iron phosphate(LFP) cell
- BMS built in & Passive protection

# Whayo Powerwall

WALL MOUNTED ENERGY STORAGE BATTERY

Battery Chemistry	LiFePO <sub>4</sub>
Norminal Energy(KWh)	5kWh
Capacity(Ah)	102Ah
Nominal Voltage(V)	51.2V
Operating Voltage(V)	45-57.8V
Max. Charge/Discharge Current(A)	45A/75A
Cell Configuration	3.2V 102Ah /16S1P
Scalability	Max. 8 pcs pack (Max.100kWh) in parallel
Communication Port	CAN-Inverter,RS485(A)-Inverter,RS485(B)-BAT,RS232-PC
Cycle Life	≥6000(25 °C,0.5C/0.5C,90%DOD,70%EOL)
Design Life	15 years
Weight Approximate(kg)	52.4kg
Dimension(L/W/H,mm)	537*465*181mm
IP Class	IP65
Protection	BMS,Breaker
Pack Safety	CE-EMC,UL1973,IEC62619,MSDS,UN38.3
Cell Safety	CE,UL1973,IEC62619,MSDS,UN38.3
Operating Temperature ( °C )	Charge:0 ~55 ; Discharge : -20 ~55
Altitude (m)	≤2000m
Humidity	≤95%(Non-condensing)

## Cooperative Inverter Brand

**Deye** 德業

 solis

 MEGAREVO

**SOLAX**  
POWER

**SMA**

**SGFAR**

**GOODWE**

**Growatt**

**Afore**

 Voltronic Power  
Advancing Power

\*Only a part of inverter brands are shown, please contact us for more information.

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