



OP WALL MOUNTED 15 KWH LFP IP65 BATTERY

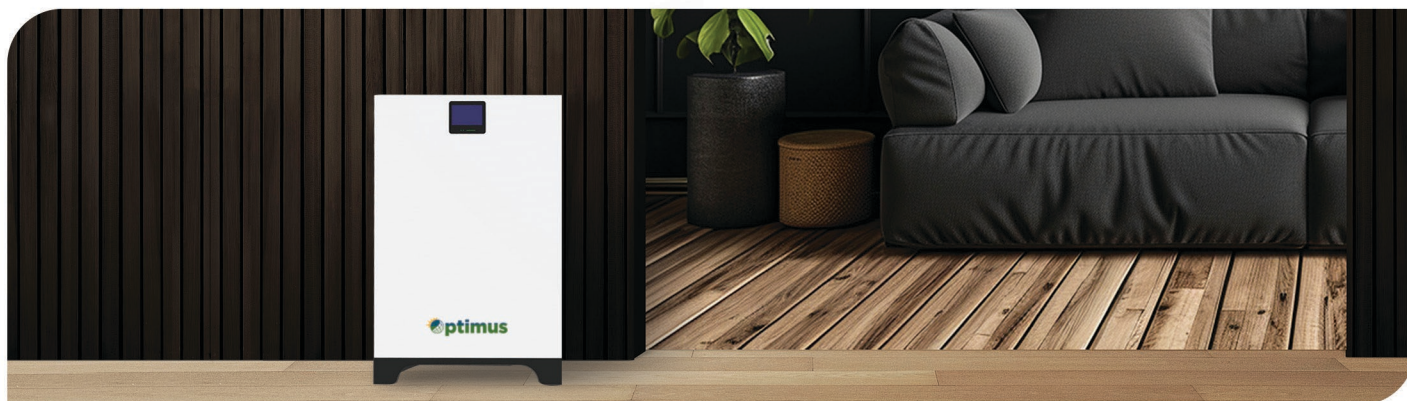
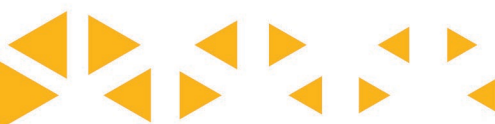
Key Features

- **Perfect Compatibility:** Compatible with most inverter brands available in the market, ensuring seamless integration with existing or new solar systems.
- **Premium Cells:** Built with Tier 1 new Grade A LiFePO4 cells, ensuring top-tier performance and longevity.
- **Compact & Slim Design:** Features a sleek and compact design for easy wall-mounted or tower installation, saving valuable space.
- **Robust Safety Features:** Dual-layer protection with Battery Management System (BMS) and integrated breaker, ensuring safe operation under all conditions.
- **Fast Installation:** Plug-and-play interface enables quick and hassle-free setup.
Extended Lifespan: Offers an impressive 10,000 cycles at 80% Depth of Discharge (DoD), providing decades of reliable energy storage.

Why Choose the OP Wall Mounted 15 kWh LFP Battery?

- **Unmatched Performance:** Designed with state-of-the-art LiFePO4 technology, ensuring high efficiency and safety.
- **Scalable Solutions:** Perfect for both small-scale residential setups and large commercial applications with stackable design.
- **Eco-Friendly Investment:** Reduces reliance on the grid and supports sustainable energy solutions.
- **User-Friendly Design:** Simplified installation and monitoring through intuitive communication options and interfaces.
- **Durable and Reliable:** Built to withstand varying climatic conditions with IP65 protection and premium materials.





MODEL	51304
Electrical Characteristics	
Rate voltage(Vdc)	51.2
Cell combination	16S1P
Rate capacity(AH)	304
Energy storage(KWH)	15.56
Cycle life	10000 cycles @80% DOD, 0.5C
Charge/Discharge Standard	
Charge voltage(V)	56
Max. charge current(A)	100 (Optional 150/200A)
Max. discharge current(A)	100 (Optional 150/200A)
Discharge cut-off voltage(VDC)	43.2
Charge cut-off voltage(VDC)	58.4
Environment	
Charge temperature	0°C to 50°C@60±25% Relative Humidity
Discharge temperature	-20°C to 50°C@60±25% Relative Humidity
Storage temperature	-20°C to 50°C@60±25% Relative Humidity
Mechanical	
IP class	IP65
Material system	LiFePO4
Case material	Metal
Case type	Tower/wall mounted
Pack dimension L*W*H(mm)	615*180*890
Net weight(kg)	115
Gross weight(kg)	135
Communication	
Protocol(Optional)	CANBus/RS485/RS232
Monitoring	Bluetooth/WLAN Optional
Certificates	
Pack	UN38.3, MSDS
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

TEXAS OFFICE

(346) 295 8900

3115 Fry Rd., Suite 505
Houston, TX 77449

OPTIMUS SOLAR

sales@optimus.solar

www.optimus.solar

TENNESSE OFFICE

(901) 590 4579

5066 Summer Ave,
Memphis, TN 38122