



LiFePO4 Battery

7.68kwh/15.36kwh

Product Feature >>>

- **CCS Integrated Busbar**

Automotive-grade design for high stability.

- **Advanced Circuit Breaker**

Overcurrent and short circuit dual protection.

- **Intelligent BMS**

Anti-reverse connection, anti-parallel loop current.

- **High-Quality Battery Cells**

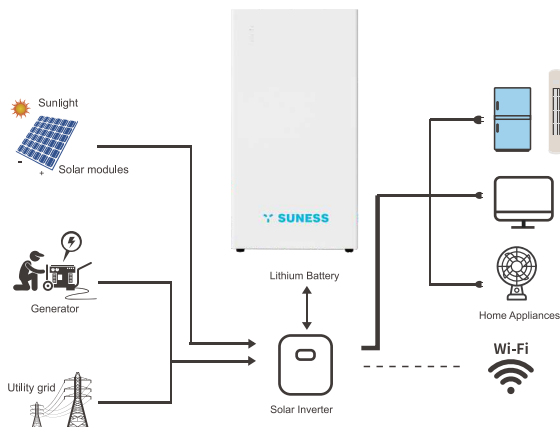
Excellent performance with over 8000 cycles.

- **Scalable Capacity**

Expandable to 16 units for flexible energy solutions.

- **Intelligent Monitoring**

Real-time data tracking via WiFi/APP



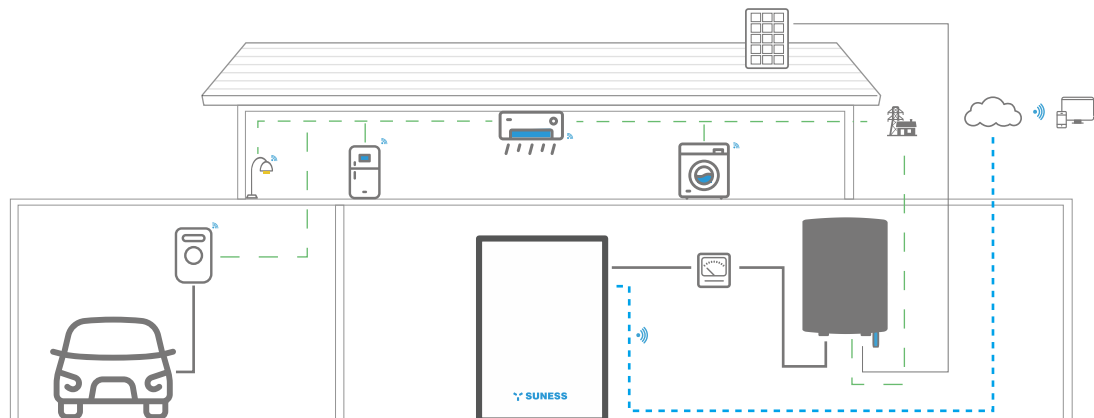
CERTIFICATE



Product Data Sheet >>>

Model	EC-24300F	EC-48300F
Total Energy {kwh}	7.68	15.36
Capacity[Ah]	300	300
Nominal Voltage [V]	25.6	51.2
Voltage Range [V]	22.4~28.8	44.8~57.6
Recommended Charge & Discharge Current [A]	150	150
Max.Discharge current[A]	200	200
Max.Charge/Discharge Power[KW]	3.84/5.12	7.68/10.24
Dimension[WxD xH,mm]	490*160*500	530*220*1016
Net Weight [Kg]	45	118
Scalable	1~16in parallel	
Communication	CAN / RS485 / WIFI	
Communicated inverter	Deye/Growatt/Voltronic/Megarevo/SRNE/Solis/Solax/Victron/SMA	
Enclosure Protection Rating	IP21	
Altitude[m]	≤2000	
Installation	indoor	
charging Temp Range [°c]	0~55	
Discharging Temp Range [°c]	-10~55	
Recommended Storage temperature Range[°C]	10~30	
Working Humidity[RH]	5%~95%	
Recommended Discharge Depth	90%	
Cycle Life	≥8,000 Cycle@25°C/0.5C,60%EOL	
Warranty	5 years	
Accumulated Discharge capacity	8.29Mwh@ 60%EOL	
Certification	IEC62619,UN38.3,CE	

Residential Solar PV Solution



- Tel:+86 19876719132
- Website: www.suness.com
- Email: info.CN@youess.com