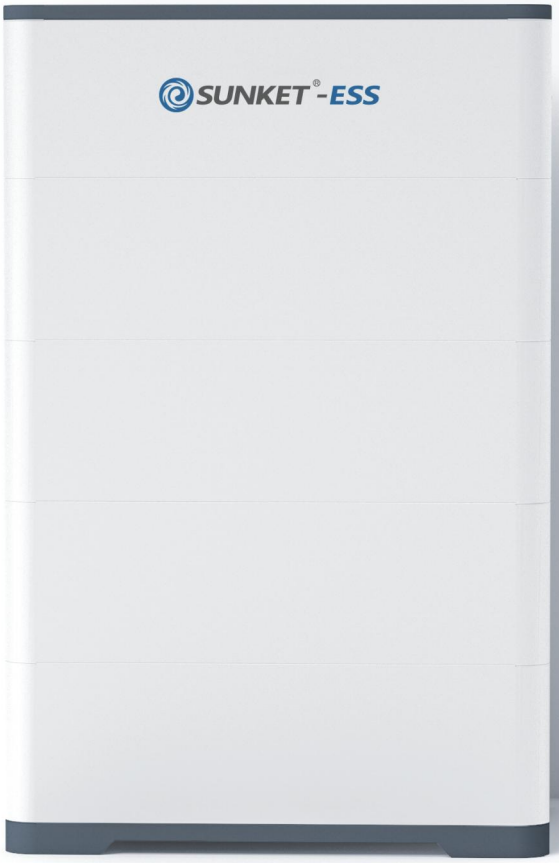


LFP4000 / HV

51.2V 72Ah Each block

RECHARGEABLE LITHIUM BATTERY

- High inverter compatibility
- Home Automation
- >15 Years life span
- Reliable LFP cells
- WiFi Communication
- Cells cycle times 6000 cycles
- CANbus standard connection
- IP54 Rating Triple hardware protection
- Smart BMS system to optimize the performance

UN 38.3

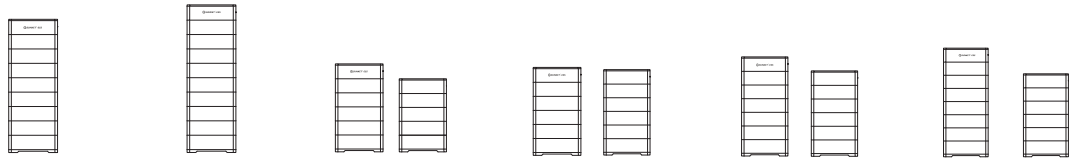
SUNKET®-ESS

SUNKET®-ESS

LFP4000 / HV
51.2V 72Ah

Electrical Characteristics

Module Type	LFP 8kWh / HV	LFP 11kWh / HV	LFP 15kWh / HV	LFP 19kWh / HV	LFP 23kWh / HV	LFP 26kWh / HV
Nominal Capacity(at 25℃)	7.37kWh	11.06kWh	14.75kWh	18.43kWh	22.12kWh	25.80kWh
Usable Capacity（90% DOD)	6.63kWh	9.95kWh	13.27kWh	16.59kWh	19.91kWh	23.22kWh
Battery Module	LFP 4000 / HV : 51.2V 72Ah					
Number of Modules	2	3	4	5	6	7
Nominal Voltage	102.4V	153.6V	204.8V	256.0V	307.2V	358.4V
Operating Voltage Ranges	90-116V	135-174V	180-232V	225-290V	270-349V	315-406V
Nominal Dis-/Charge Current	50 / 35A					
Weight	89.0kg	123.5kg	158.0kg	192.5kg	227.0kg	261.5kg
Dimension(mm)	560*400*538	560*400*703	560*400*868	560*400*1033	560*400*1198	560*400*1363



Module Type	LFP 30kWh / HV	LFP 34kWh / HV	LFP 37kWh / HV	LFP 41kWh / HV	LFP 45kWh / HV	LFP 48kWh / HV
Nominal Capacity(at 25 ℃)	29.49kWh	33.18kWh	36.86kWh	40.55kWh	44.24kWh	47.92kWh
Usable Capacity（90% DOD)	26.54kWh	29.86kWh	33.17kWh	36.50kWh	39.82kWh	43.13kWh
Battery Module	LFP 4000 / HV : 51.2V 72Ah					
Number of Modules	8	9	10	11	12	13
Nominal Voltage	409.6V	460.8V	512.0V	563.2V	614.4V	665.6V
Operating Voltage Ranges	360-465V	405-522V	450-580V	495-636V	540-695V	585-750V
Nominal Dis-/Charge Current	50 / 35A					
Weight	296.0kg	330.5kg	375.0kg	409.5kg	444.0kg	478.5kg
Dimension(mm)	560*400*1528	560*400*1693	560*400*1033+ 560*400*868	560*400*1033+ 560*400*1033	560*400*1198+ 560*400*1033	560*400*1363+ 560*400*1198

Max.recommended DOD	90%
Operating Condition	Indoor or outdoor
Operating Temperature-Charge	0~55℃
Operating Temperature-Discharge	-20~60℃
Humidity	Up to 90% (non-condensing)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 54
Protective Class	I
Warranty	10 years
Life Span	>15 years
Communication Interface	CAN/WIFI
Protection Mode	Triple hardware protection
Battery Protection	Over-current / Over-voltage / Short-circuit / Under-voltage
Certificates	UN38.3

Packing Configuration

Pallet Dimensions	1270×930×1120mm	
Container	20'GP	40'HQ
LFP 8kWh / HV Pieces per Container	170Lithium Modules&85BMS	384Lithium Modules&192BMS
LFP 11kWh / HV Pieces per Container	192Lithium Modules&64BMS	432Lithium Modules&144BMS
LFP 15kWh / HV Pieces per Container	204Lithium Modules&51BMS	460Lithium Modules&115BMS
LFP 19kWh / HV Pieces per Container	210Lithium Modules&42BMS	480Lithium Modules&96BMS
LFP 23kWh / HV Pieces per Container	216Lithium Modules&36BMS	492Lithium Modules&82BMS
LFP 26kWh / HV Pieces per Container	224Lithium Modules&32BMS	504Lithium Modules&72BMS
LFP 30kWh / HV Pieces per Container	224Lithium Modules&28BMS	512Lithium Modules&64BMS
LFP 34kWh / HV Pieces per Container	225Lithium Modules&25BMS	513Lithium Modules&57BMS
LFP 37kWh / HV Pieces per Container	230Lithium Modules&23BMS	520Lithium Modules&52BMS
LFP 41kWh / HV Pieces per Container	231Lithium Modules&21BMS	528Lithium Modules&48BMS
LFP 45kWh / HV Pieces per Container	237Lithium Modules&19BMS	528Lithium Modules&44BMS
LFP 48kWh / HV Pieces per Container	238Lithium Modules&18BMS	533Lithium Modules&41BMS

Cooperation Partners

Afore艾伏 SOFAR SOLAR solis Deye GROWATT SOLINTEG

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Specifications are subject to change without further notification
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