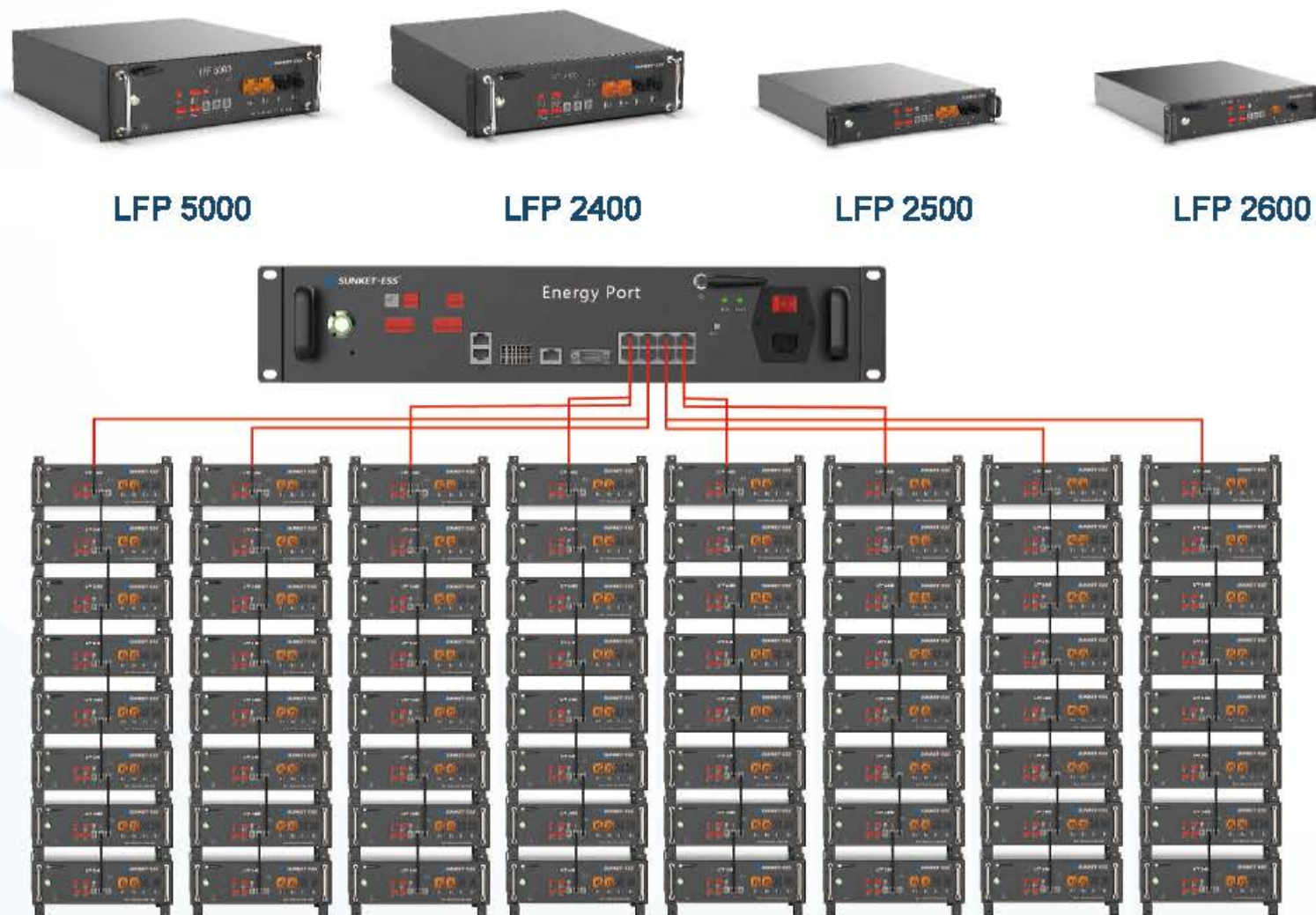


SUNKET ESS Product Portfolio



Key Features

- Assembly freely in series or parallel
Up to 8S8P(614.4V362.4kWh)
- High energy efficiency
Energy efficiency(charge and discharge)>97%
- High Rate Charge & Discharge
Max charge current 30A,Max discharge current 40A
- More Safety
Dual hardware & Triple software protection
- Safe and Reliable BMS
Relay design instead of mosfet
- Long Life
Reliable LFP cells,Cycle life >6000 cycles
- High Reliability
Key devices(Relay,Fuse) approved by UL and IEC
- More Smart
With digital monitor system App with WIFI
- Smart Design & Easy installation
Plug in & off
- More Quiet
Without fan,more quiet and reduce the risk of fan failure

Technical Properties

Model	LFP 5000	LFP 2400	LFP 2500	LFP 2600
Total Energy*	5kWh	2.4kWh	2.5kWh	2.56kWh
Usable Energy(DC)*	4.6kWh	2.2kWh	2.2kWh	2.2kWh
Nominal Dis-/Charge Power	3.0kW	1.5kW	1.5kW	1.5kW
Peak Power(Only Discharge)	6kWh for 3 seconds	6kWh for 3 seconds	6kWh for 3 seconds	6kWh for 3 seconds
Constant Current(Only Discharge)	80A	40A	40A	20A
Voltage	48~56Vd.c	48~56Vd.c	48~56Vd.c	96~112Vd.c
Nominal Voltage	51.2Vd.c	51.2Vd.c	51.2Vd.c	102.4Vd.c
Nominal Current	60A	30A	30A	15A
Max. Charge Voltage	57.6Vd.c	54.0Vd.c	57.6Vd.c	115.2Vd.c
Weight	45kg	27.5kg	23kg	24kg
Dimension(mm)	500*448*135mm	500*442*133mm	500*442*88mm	500*442*88mm
Max.recommended DOD	90%			
Operating Condition	Indoor			
Operating Temperature	Charge From 0~45℃ Discharge From -10~55℃			
WIFI Frequency Range	2400MHz~2483MHz			
Humidity	<60%(No condensed water)			
Pollution Degree	3			
Over Voltage Category	II			
Cooling Type	Natural cooling			
Case Material	Metal			
Color	Black or White			
Installation	Wall mounting/Ground Installation			
IP rating	IP 20			
Protective Class	I			
Max. Connection Number	8S/4P	8S/8P	8S/8P	6S
Warranty	10 years			
Life Span	>15 years			
Communication	CAN/ RS485			
Protection Mode	Dual hardware protection			
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature			
Safety	Cell UL 1973	Cell UL 1973	Cell TUV	Cell TUV
	CE	Pack TUV/CE	CE	CE
Hazardous Material Classification	9			
Transportation	UN 38.3			

Testing conditions based on temperature 25℃ at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions from SUNKET ESS 0.2C CC-CV