

**SAFE**

Proprietary Module  
Technology

**RUGGED**

IP66 to Withstand  
Harsh Conditions

**SUPERIOR**

Premium  
LiFePO<sub>4</sub> Cell

**STACKABLE**

Scalable from 5.22  
to 78.3 kWh

**RELIABLE**

Compatible with  
Major PCS Brand

**SMART**

Take Control on  
Your Phone



Model	5.22kWh	10.44kWh	15.66kWh	20.88kWh	26.1kWh
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### Performance

Nominal Voltage	51.2 Vdc				
Nominal Capacity	102 Ah	204 Ah	306 Ah	408 Ah	510 Ah
Battery Energy	5.22kWh	10.44kWh	15.66kWh	20.88kWh	26.1kWh
CUS	4.7kWh	9.4kWh	14.1kWh	18.8kWh	23.5kWh
Charge Current	50 A	100 A	150A	200A	200A
Charge Power	2500W	5000W	7500W	10000W	10000W
Discharge Current	50 A	100 A	150A	200A	200A
Discharge Power	2500W	5000W	7500W	10000W	10000W
Short circuit current	350 A				

### Communication

Display	SOC status indicator, LED indicator				
Communication	RS232,RS485,CAN				

### General Specification

Dimension (WxDxH mm)	650x135x416	650x135x777	650x135x1138	650x135x1499	650x135x1860
Weight (kg)	47 kg	91.3 kg	135.6 kg	180kg	224.2 kg
Installation	Floor Stand or Wall Mount				
Working Temperature	-20°C-60°C				
Operating / Storage humidity	≤95% RH				
Max Operating Altitude	≤2000m				
IP Rating	IP66				
Cell Technology	LiFePO <sub>4</sub> ,Lithium Iron Phosphate				
Cycle life	6000 Cycles @ 80% DOD / 25°C / 0.5C, 60% EOL				
Scalability	Max 15 batteries in parallel				

### Standard Compliance(more available upon request)

Certificates	CE, IEC61000, IEC62619, IEC62040, UN38.3, ROHS				
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### Ordering and Deliverable Part

Product ordering part	Battery + Parallel Cable Base + Power Cable				
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## Compatible Inverter List

Inverter Logo	Inverter Model	LOW VOLTAGE BATTERY	
			
	SUN-3.6/5/6/7.6/8K-SG05LP1 SUN-5/6/8/10/12K-SG04LP3 SUN-12/14/16K-SG01LP1		
	ES G2 Series		
	SPH 3000-6000TL BL-UP SPF 3000-5000 ES		
	LXP Hybrid 3-6K		
	R 3K-6K L1		
	PV1800 PRO Series		
	H1-3K-6K-S2-15		
	SI8.0H-13 SI6.0H-13		
	HYD 3000-6000-EP		
	S6-EH1P(3-6)K-L-PRO		
	HF/HFP Series 3-5KW		
	MULTIPLUS 48V QUATTRO 48V		
	AXPERT MKS III 5KVA AXPERT MAX II 11KVA		