



SOLARAMBO



SAFE

Premium
LiFePO₄ Cell

RUGGED

IP65 to Withstand
Harsh Conditions

SUPERIOR

Pack level
Active Balance

STACKABLE

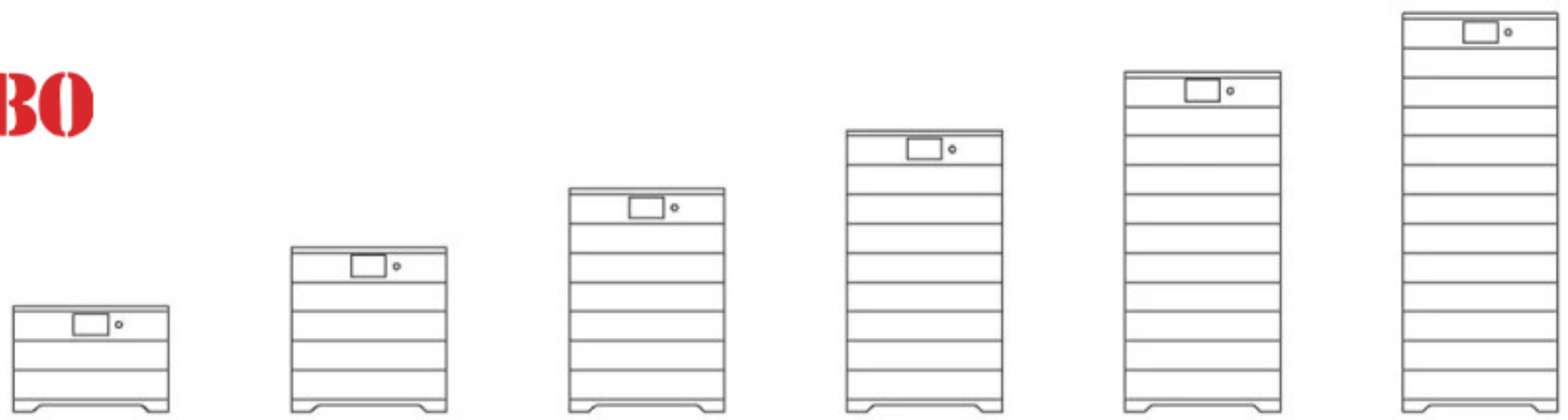
Scalable from 10.44
to 1002.24 kWh

RELIABLE

Compatible with
Major PCS Brand

SMART

Take Control on
Your Phone



Model	10.44	20.88	31.32	41.76	52.20	62.64
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Performance

Nominal Voltage (Vdc)	102.4	204.8	307.2	409.6	512	614.4
Operating Voltage (Vdc)	83.2 - 113.6	166.4 - 227.2	249.6 - 340.8	332.8 - 454.4	416 - 568	499.2 - 681.6
Nominal Capacity (Ah)	102					
Battery Energy (kWh)	10.44	20.88	31.32	41.76	52.20	62.64
Charge Current (A)	50					
Charge Power (W)	5120	10240	15360	20480	25600	30720
Discharge Current (A)	80					
Discharge Power (W)	8192	16384	24576	32768	40960	49152

Communication

Display	4.3 inch (16:9) Touch Screen
Communication	CAN

General Specification

Dimension (WxDxH mm)	620 x 138 x 465	620 x 138 x 742	620 x 138 x 1019	620 x 138 x 1296	620 x 138 x 1573	620 x 138 x 1850
Weight (kg)	110	200	290	380	470	560
Installation	Floor Stand					
Working Temperature	-20°C - 60°C					
Operating / Storage humidity	≤95% RH					
Max Operating Altitude	≤2000 m					
IP Rating	IP65					
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate					
Cycle life	6000 Cycles @ 80% DoD / 25 °C / 0.5C, 60% EOL					
Scalability	Max 16 piles in parallel					






















Standard Compliance(more available upon request)

Certificates	CE, UN38.3
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Ordering and Deliverable Part

Product ordering part	Battery Main Control Level 3 Parallel Box
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Compatible Inverter List

Inverter Logo	Inverter Model	HIGH VOLTAGE BATTERY	
			
	HPS 30/50/100/120/150		
	SUN-5/6/8/10/12/15/20/25K-SG01HP3-EU-AM SUN-29.9/30/35/40/50K-SG01HP3-EU-BM3/4		
	GW 15K/20K/25K/30K-ET		
	SPH 4000-10000TL3 BH-UP		
	H2-(5-10K)-T2		
	HYD 5-20KTL-3PH		
	S6-EH3P(29.9-50)K-H	