

Kratos

Strength & Power



Compact.
High energy density and an elegant design ensures it will look good wherever it is installed.

Expandable.
Easily expandable up to 80kWh allows you to create a battery solution that suits **you**.

Reliable.
A Heavy duty design, high cycle life and a 10 year warranty for your peace of mind.

Solarbatt's Kratos series brings world-class battery storage to your home or business at an affordable price.



Compatible with many top brand hybrid inverters and chargers including SMA and Zeus Appollo.

KRATOS B10L TECHNICAL SPECIFICATION



	LiFePO4			
Battery type				
Battery module	2.5kwh*1pc	2.5kwh*2pcs	2.5kwh*3pcs	2.5kwh*4pcs
Rated battery energy (0.2C charge&discharge at @+25°C)	2.5KWh	5KWh	7.5KWh	10KWh
Output power	Max 2.5KW	Max 5KW	Max 7.5KW	Max 10KW
Usable battery energy	2.4KWh	4.8KWh	7.2KWh	9.6KWh
Nominal voltage	51.2V			
Energy efficiency	>97%			
BMS with equalization	Yes			
Working voltage	44.8V-57.6V			
Communication	RS232/RS485/CAN			
Dimension of cabinet (mm)	600 x 520 x 820 (excluding height adjustable feet)			
Net weight of cabinet	88Kg	126Kg	164Kg	202Kg
Dimension of module (mm)	482.6 x 489.5 x 130			
Net weight of module	38Kg			
Battery cycle life	>6000 [+25 °C, 0.4C]			
Operating temperature	0°C~+55°C			
Storage temperature	-20°C~+55°C			
Transport	UN3480 & UN38.3			
Storage duration	12 months@+25°C; 6 months@+35°C; 3 months@+45°C			
EMC standard compliance	EN 61000 chapter 4.2,4.3,4.5,4.6/EN55022			
Safety standard compliance	UL1642 for cell; CE and TÜV(JP) for battery module			
IP level	IP20			
Maintenance	Charge the battery every 6 months when in storage or inactive			
Scalability	Up to 80KWh			
Compatible with	Zeus Appollo Z21 & ZA2 series Hybrid Inverter			
	Z22 series on-grid upgrade system			
	SMA Sunny Island 3.0M / 4.4M / 6.0H / 8.0H			

