

POWER YOUR DAY. BACK UP YOUR NIGHT.

Solar Energy + Smart Storage = **Uninterrupted Power**



Interactive
Large Display



Max. Charge/Discharge
Rating Up to 1C



Higher
Performance



Extendable Up to
16 Units



Battery Data	PVBBS1.28K-LV-M1	PVBBS2.56K-LV-M1	PVBBS5.12K-LV-M1	PVBBS16.07K-LV-M1	PVBBS16.07K-LV-W-M1
Nominal voltage (V)	12.8 V	25.6 V	51.2 V	51.2 V	
Rated Capacity	100 Ah			314 Ah	
Nominal Energy	1280 Wh	2560 Wh	5120 Wh	16076.8 Wh	
Cell Chemistry	LFP				
Voltage Range	10.5-14.5 V	21-29 V	42-58 V		
Rated Charging Current	50 A / 0.5 C			0.5 C / 0.5 P	
Max Charging Current	100 A / 1 C**			0.5 C / 0.5 P	
Rated Discharging Current	50 A / 0.5 C			0.5 C / 0.5 P	
Max. Discharging Current	100 A / 1 C**			0.5 C / 0.5 P	
Operating Temperature	0~50 °C				
Depth of Discharge	90%				
Recommended Soc	10% - 90%				
Communication Interface	CAN / RS485				
Life Cycle	3500 / 6000 Cycle (Optional) (@25°C, 70% SOH)			8000 Cycle (@25°C, 70% SOH)	
Efficiency	≥94% (@25°C, 70% SOH)			≥92% (@25°C, 70% SOH)	
Ingress Protection	IP20				IP65
Display	—		LCD Type		
Dimensions (W×H×D)	250 × 315 × 135 mm*	250 × 475 × 135 mm*	445 × 152 × 610 mm*	440 × 225 × 730 mm*	455 × 865 × 225 mm*
Weight	22 Kg*	32 Kg*	52 Kg*	125 Kg*	

Specifications are subject to change without prior notice due to constant improvement in design and technology.

** Max. charge/ discharge current can be used continuously for 5 minutes only. Life cycle and performance of the product can be affected if use continuously at max. charge/discharge rating. * Approx.