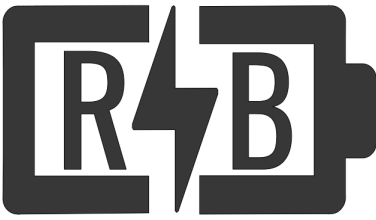




	12V King-Pawn System (Single Smart BMS)		
			
Model	KP12V-620AH	KP12V-930AH	KP12V-1240AH
Capacity	620 Ah	930 Ah	1240 Ah
Nominal Capacity	8 kWh	12 kWh	16 kWh
Units	2	4	4
Total Weight {Per Unit 53lb}	106 lbs	165 lbs	212 lbs
Dimensions Per Unit	14.5" x 7.5" x 10.5" - 36.8 cm x 19.1 cm x 26.7 cm		
Nominal Voltage	12.8 V		
Recommended Low Voltage	10 V		
Reconnect Voltage	11.2 V		
Floating Charge Voltage	13.8 V		
Maximum Charge Voltage	14.6 V		
Recommended Charge Voltage	14.4 V - 14.6 V		
Max Cont. Discharge Current	150 A		
Peak Discharge Current	300 A for 3s		
Maximum Charge Current	150 A		
Max Series/Parallel Batteries	None - Fully customized to voltage and capacity		
Discharge Temperature	-20 to 60 °C (-4 to 140 °F)		
Charge Temperature	0 to 45 °C (32 to 113 °F)		
Ideal Storage Temperature	-5 to 35 °C (23 to 95 °F)		
Optional Heating	Automatic heating below 5°C (32 °F)		
Self Discharge	<3% per Month		
Terminal	M8		
Cell Type - Chemistry	Prismatic - LiFePO4		
BMS App (Brand)	XiaoXiang BMS (JBD)		