

24V King-Pawn System (Single Smart BMS)



Model	KP24V-310AH	KP24V-620AH	KP24V-930AH	KP24V-1240AH
Capacity	310 Ah	620 Ah	930 Ah	1240 Ah
Nominal Capacity	8 kWh	16 kWh	24 kWh	32 kWh
Units	2	4	8	8
Total Weight {Per Unit 53lb}	106 lbs	212 lbs	323 lbs	424 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	25.6 V			
Recommended Low Voltage	20 V			
Reconnect Voltage	22.4 V			
Floating Charge Voltage	27.6 V			
Maximum Charge Voltage	29.2 V			
Recommended Charge Voltage	28.8 V - 29.2 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	1 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)	Smart BMS (Daly)			