



ELEBOX-5K-HV

◇ High-voltage stacked Lithium Battery for Household Energy Storage



3-10 Module Stacking —>153.6-512V High Power

- » Higher conversion efficiency
- » Reduced dependence on the grid
- » Better suited for high load applications
- » Provides greater flexibility
- » Lower cost, bigger system
- » Faster charging and discharging
- » Energy can be saved



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Model		ELEBOX-5K-HV						
Module	5. 12kWh, 51.2V, 52kg,630/390/169mm							
Number of Modules	3	4	5	6	7	8	9	10
Battery Capacity(wh)	15360	20480	25600	30720	35840	40960	46080	51200
Nominal Voltage (V)	153.6	204.8	256	307.2	358.4	409.6	460.8	512
Operating Voltage Range (V)	141.6-170.4	188.8-227.2	236-284	283.2-340.8	330.4-397.6	377.6-454.4	424.8-511.2	472-568
Dimension (H*W*D mm)	754/630/390	923/630/390	1092/630/390	1261/630/390	1430/630/390	1599/630/390	1769/630/390	1937/630/390
Weight (KG)	177	229	281	333	351	397.5	489	541
Cell Type	LFP							
Max.Charge /Discharge Current (A)	50							
Continuous Charging/Discharging Current (A)	50							
Operating Temperature Range (°C)	0-45							
Temperature.Control	natural cooling							
Communication Port	CAN							
Cycle Life (80%DOD,25 °C)	≥6000							
Ingress Protection Rating	IP54							
Installation	Stacked Floor Mount							
Relative Humidity	≤95%rh							
Humidity of storage environment	≤95%rh							
Max. Operating Altitude	≤3000m							
Storage Temperature	≤25℃, 12months; ≤35℃, 6months; ≤45℃, 3months							
Certification	CE,IEC62619(Cell&Pack),MSDS,ROHS,UN38.3							