

High-Voltage Stacked Battery Pack

Battery pack model parameters

Parameter	KY-306V40AH
Cell type	Li-ion (LFP)
Cell capacity (Ah)	40
Grouping mode	2P96S
Rated voltage (Vdc)	307.2
Maximum voltage (Vdc)	340.8
Charge the maximum voltage (Vdc)	340.8
Discharge cut-off voltage (Vdc)	240
Rated current (A)	30
Maximum current (A)	40
Rated capacity (Wh)	12288
Size (mm)	425*340*726
Communication method	CAN
Operating temperature (°C)	0~50
Storage temperature (°C)	-20~45
Humidity	< 95%
Weight (kg)	90
Degree of protection	IP65
Elevation (m)	≤2000 (More than 2000 load reduction)