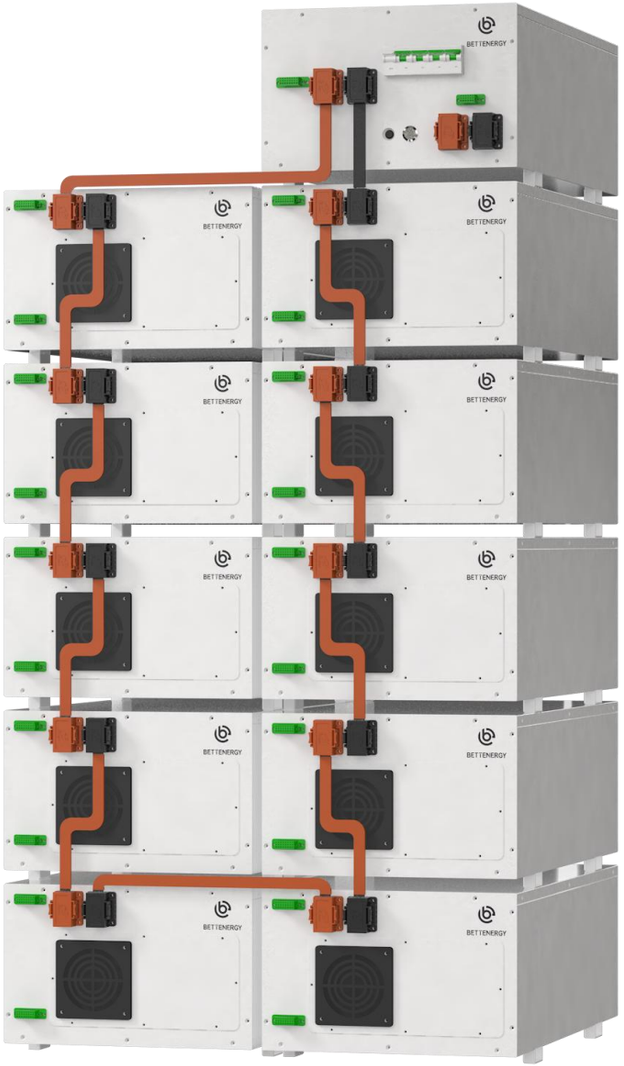
BETTENERGY

ELERACK-16K-N

LIWATT CONTEMPORARY AMPEREX TECHNOLOGY CO.,LTD.

High-voltage stacked lithium-ion battery for energy storage



80.3kWh 96.4kWh 112.5kWh 128.6kWh 144.6kWh 160.7kWh

High-voltage stacked lithium-ion battery for energy storage

Model	ELERACK-16K-N					
Module	16076Wh, 51.2V,115kg , 277.5/413/758mm					
Number of Modules	5	6	7	8	9	10
Battery Capacity(wh)	80384	96460.8	112537.6	128614.4	144691.2	160768
Nominal Voltage (V)	256	307.2	358.4	409.6	460.8	512
Operating Voltage Range (V)	232-288	278.4-345.6	324.8-403.2	371.2-460.8	417.6-518.4	464-576
Dimension (H*W*D mm)	832.5/841/758	1110/841/758	1110/841/758	1387.5/841/758	1387.5/841/758	1665/841/758
Weight（KG）	594	709	824	939	1054	1169
Cell Type	LFP					
Max.Charge /Discharge Current (A)	150/200					
Continuous Charging/Discharging Current (A)	140/180					
Operating Temperature Range（℃）	0-55					
Temperature.Control	natural cooling					
Communication Port	CAN					
Ingress Protection Rating	IP20					
Installation	Stacked floor-mounted indoor installation					
Relative Humidity	≤95%rh No condensation					
Humidity of storage environment	≤95%rh No condensation					
Max. Operating Altitude	≤3000m					
Storage Temperature	≤25℃，12 months；≤35℃，6 months；≤45℃，3 months					
Certification	UN					

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