



BETTENERGY
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ELESHELL-LV BATTERY STORAGE



Wall-mountable



>6000 Cycles



IP65



CATL Cells



5 years warranty



Parallel 16 units

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ELESHELL-LV

BATTERY STORAGE



Datasheet	ELESHELL—6.1K	ELESHELL—10.2K	ELESHELL—14.3K
Battery Demo			
Dimensions (H x W x D) (mm / ")	422 * 867.5 * 118mm 16.6 * 34.154 * 4.646"	509 * 871.1 * 133mm 20.04 * 34.3 * 5.236"	412 * 750 * 235mm 16.2 * 29.5 *9.25"
Weight (Kgs)	76	102.3	120
IP Protection	IP65	IP65	IP65
Operating Temperature	0 to 55°C / 0 to 131°F	0 to 55°C / 0 to 131°F	0 to 55°C / 0 to 131°F
Storage Temperature	-40 to 60°C / -104 to 140°F	-40 to 60°C / -104 to 140°F	-40 to 60°C / -104 to 140°F
Cycle Life (80% DoD @25°C)	>6000	>6000	>6000
Operating Life (Years)	10	10	10
Communication Port	RS232 / RS485 / CAN	RS232 / RS485 / CAN	RS232 / RS485 / CAN
Communication Mode	WIFI/BLUETOOTH	WIFI/BLUETOOTH	WIFI/BLUETOOTH
Operating Altitude (m)	<3000	<3000	<3000
Humidity Conditions (%)	5% to 95%	5% to 95%	5% to 95%
Warranty (Years)	5 Years	5 Years	5 Years
Installation	Ground Mounted / Wall-Hanging	Ground Mounted / Wall-Hanging	Ground Mounted
Specification			
Nominal Energy Capacity (Wh)	6100	10200	14300
Nominal Voltage (V)	51.2	51.2	51.2
Operating Voltage Range	48 - 57	48 - 57	48 - 57
Max Charge Current (A)	100	100	100
Max Discharge Current (A)	100	100	100
Continuous Charging Current (A)	60	100	100
Continuous Discharging Current (A)	60	100	100
Depth Of Discharge (%)	80	80	80
Battery Cell Material	Lithium (LiFePO4)	Lithium (LiFePO4)	Lithium (LiFePO4)
Certification	UN38.3 CE-EMC CE-LVD IEC62619 MSDS ROHS		