

KILOVANT

STACK300 RESIDENTIAL LIFEPO4 BATTERY

STACK300 51.2V 20kWh / 30kWh / 40kWh



- A-Grade LFP Cells
- Parallel Expandable
- Smart BMS
- Remote Monitoring
- Long Service Life
- OEM & Customization

Datasheet

Battery Model	STACK300-20KWH	STACK300-30KWH	STACK300-40KWH
RECOMMENDED FOR	Large Family Home / Off-Grid Capable	Villa / Small Commercial	Commercial / Heavy Load Applications
MAIN PARAMETER			
Nominal Voltage	51.2V		
Cell Model	16S4P	16S6P	16S8P
Nominal Capacity	400Ah	600Ah	800Ah
Nominal Energy	20kWh	30kWh	40kWh
Maximum Charging Current	100A		
Maximum Discharge Current	100A		
Discharge Termination Voltage	42.4V		
Charging Voltage	58.4V		
Charge Over Current Protection	100A		
Discharge Over Current Protection	100A		
Energy Extension	Max. 8 units in parallel		
Communication Function	RS232, RS485, CAN		
Ingress Protection	IP20		
BMS Features	High accuracy cell level voltage/current measuring; Over-charge/over-discharge protection; Short-circuit protection; Self-learning intelligent SOC calculation; Cell level active equalization; Multiple communication types; Parallel connect function		
OTHER PARAMETER			
Working Temperature	-20°C ~ 60°C		
Storage Temperature	0°C ~ 65°C		
Working Humidity	<95%RH		
Dimensions LWH mm	600*370*1193	800*491*1613	800*491*2033
Weight kg	215	315	415