

Model	KNY 51200	KNY 51280
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Basic Information

Nominal Voltage	51.2V DC	
Voltage Range	40V-58.4V	
Nominal Capacity	200Ah	280Ah
Rated Capacity	10.24kWh	14.34kWh
Communication Protocol	CAN / RS485 / RS232	
Max. Number of Parallel Connections	15	
Cycle Life	6000 cycles (@80% DOD)	
Protection Mechanism	Temperature Protection/Over-current Protection/Short-circuit Protection Over-charge Protection/Over-discharge Protection/Low-voltage Protection	

Charging Parameters

Recommended Charging Current	100A
Max. Charging Current	100A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V

Discharging Parameters

Recommended Discharging Current	200A
Max. Discharging Current	200A
Recommended Battery Discharge Cut-off Voltage	44V
Battery Cut-off Voltage	43.2V
Battery Recovery Voltage	48V

General Parameters

Dimension	800*580*220mm	
Gross/Net Weight	120kg/101kg	150kg/130kg
Shell Material	Sheet Metal	
Protection Rating	IP65	
Installation Method	Floor type	
Cell Type	LiFePO4	

Certification & Safety Standard

Safety Certification	CE
Temperature Safety Certification	UN38.3,Class9

Temperature Parameters

Discharging Temperature	-20~65°C
Charging Temperature	0~55°C
Storage Temperature	-20~45°C