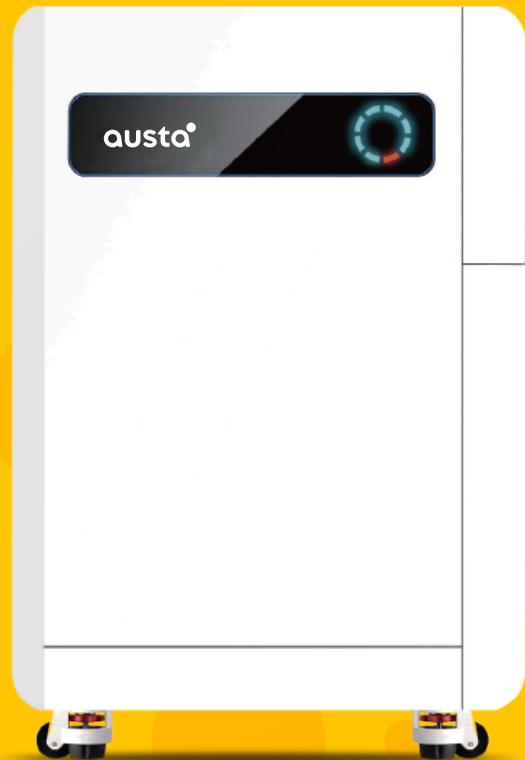


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● Rechargeable LFP Battery Low Voltage KNY 51300



IP65 Level
High level protection



Safer to Use
High-density LiFePo4 battery



Long Battery Life
6000 cycles life (DoD 80%)



15kWh Capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
Compatible with mainstream inverters

KNY 51300

BASIC INFORMATION	
Rated Capacity [kWh]	15.36
Nominal Capacity [Ah]	300
Rated Voltage [V]	51.2
Operating Voltage Range [V]	44-58.4
Life Cycles	6000 cycles (@80% DoD)
Communication Methods	CAN / RS485 / RS232
Max. Number of Parallel Connections	15
Protection Mechanism	Temperature Protection/Over-current Protection/Short-circuit Protection Over-charge Protection/Over-discharge Protection/Low-voltage Protection
CHARGING PARAMETERS	
Recommended Charging Current [A]	100
Max. Charging Current [A]	200
Recommended Charging Voltage [V]	58
Max. Charging Voltage [V]	58.4
DISCHARGING PARAMETERS	
Recommended Discharging Current [A]	100
Max. Discharging Current [A]	200
Battery Discharge Cut-off Voltage [V]	44
Battery Cut-off Voltage [V]	43.2
Battery Recovery Voltage [V]	48
GENERAL PARAMETERS	
Size (H×W×D) [mm]	800*580*255
Gross/Net Weight [kg]	150/131
Shell Material	Sheet Metal
Installation Method	Floor type
Ingress Protection	IP65
Cell Type	LiFePO4
TEMPERATURE PARAMETERS	
Discharging Temperature [°C]	-20-+60
Charging Temperature [°C]	0-+55
Storage Temperature [°C]	-20-+45
STANDARD	
IEC 62619, EN IEC 61000-6-1, EN IEC 61000-6-2, EN IEC 61000-6-3, EN IEC 61000-6-4	