APE/S

Floor Type Storage Battery

KE-25-300

APE/S

25.6V 300Ah

Bluetooth

IP20 Protection
Corrosion resistant metal materials

Safer to Use
High-density LiFePO4 battery

Long Battery Life
6000 cycles life (DoD 80%)

8.19kwh Capacity
To meet more electricity needs

Stable & Reliable
Advanced BMS management

Widely Compatible
Compatible with mainstream inverters

Model	KE-25-300

Basic Information

Nominal Voltage	25.6V DC
Voltage Range	20V-29.2V
Nominal Capacity	**280** Ah
Rated Capacity	**7.168kWh**
Communication Protocol	No Communication
Max. Number of Parallel Connections	2P or 2S
Cycle Life	6000cycles (@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	50A
Max. Charging Current	**150A**
Recommended Charging Voltage	29V
Max. Charging Voltage	29.2V

Discharging Parameters

Recommended Discharging Current	50A
Max. Discharging Current	**150A**
Recommended Battery Discharge Cut-off Voltage	22V
Battery Cut-off Voltage	20V
Battery Recovery Voltage	23.6V

General Parameters

Dimension	580*440*245mm
Gross/Net Weight	61.2kg
Shell Material	Sheet Metal
Protection Rating	IP20
Installation Method	Floor type
Cell Type	LiFePO4

Certification & Safety Standard

Safety Certification	CE
Transportation Safety Certification	UN38.3,Class9

Temperature Parameters

Discharging Temperature	-20∽60℃
Charging Temperature	0∽55℃
Storage Temperature	-20∽45℃