

RACK MODE STORAGE BATTERY

- 500/1000 units can be used in parallel
- Convenient to PLUG IN/OUT
- 6000 cycles life
- Precise Battery Management Technology
- High-density LiFePO4 battery, safer to use
- Possess industry-leading BMS technology
- Compatible with mainstream inverters
- DOD 80% ,extend battery life



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

Model

KNY1350kwh+500kw

Basic Information

Nominal Voltage	716.8V DC
Voltage Range	616V-795.2V
Nominal Capacity	314Ah
Rated Capacity	1350kWh
Communication Protocol	CAN
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

AC

Max. output power (kW)	550
Rated power (kW)	500
Rated frequency (Hz)	50/60
Rated voltage(V)	380/400V 3W+N+PE
THDi	<3%
Power factor	1leading-1lagging(settable)

PV input

Max. PV input voltage (V)	1,000
Max. PV power (kW)	600/660/720
MPPT module quantity	10/11/12
MPPT voltage range (V)	250~850

System Parameters

Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C
Operating Humidity Range	5-85%RH
Depth Of Discharge	80-90%
Cycle Life	25t2°C/0.2C/80% DOD ≥ 8000
Protection Grade	IP55
System Cycle Efincy	≥ 90%@AC
Cooling Method	Air conditioning cooling
Dimension	20FT
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE