

3.NP- WG15 15 kilowatt-hours battery

- (1)Round-Trip Efficiency≥97.5%
- (2)High energy density
- (3)Max 30+Pcs in Parallel
- (4)Advanced Battery Management System (BMS)

Battery Type	48V 306 AH LiFePO4
Nominal Energy	14.3KWh
Peak Output Power (KW, 3 Seconds)	9.6KW
Nominal Voltage	48V
Max Charge/Discharge Current	200/200A
Communication	CAN, RS485



8.KS-R26H Energy Storage Lithium Battery

- (1)Efficient energy management
- (2)65% Lighter than Lead Acid
- (3)Lead Acid Replacement
- (4)>5,000 Cycles at 90% DOD

Nominal Voltage	25.6V
Rated Capacity	102Ah
Nominal Energy	261Wh
Operating Voltage	21.6-29.2V
Max Charge/Discharge Current	100/100A



4 MS1000C Portable 1kWh lithium battery

- (1)Ultra-low lifecycle electricity cost
- (2)Compact and portable design
- (3)High safety and reliability
- (4)Distributed energy system

Battery Type	Lithium iron phosphate(LiFePO4)
Rated Power	200 W
Battery Capacity	1KWh
AC input voltage	184-276Vac
PV input voltage	12-36V



9.KS-G10 Stacked Battery

- (1)Efficient energy management
- (2)Rack mounted and Parallel connection
- (3)Easy installation and excellent after-sales service
- (4)>6,000 Cycles at 90% DODIntroduction

Battery Type	48V200AH LiFePO4
Nominal Energy	9.6KWh
Peak Output Power (KW, 3 Seconds)	9.6KW
Nominal Voltage	48V
Max Charge/Discharge Current	100/100A



5.MS500P&MS1000P Portable lithium battery

- (1)Ultra-low electricity costs
- (2)Compact and portable design
- (3)High safety and reliability
- (4)Distributed energy system

Battery Type	Lithium iron phosphate(LiFePO4)
Rated Power	500&1000W
Battery Capacity	378&756Wh
Ac output	2*110V/60HZ/300W (Peak500W) 2*110V/60HZ/500W (Peak1000W)
Car start	Yes



6.APS-50&APS-L50 Low Voltage Commercial and Industrial Energy Storage Cabinet High Voltage Commercial and Industrial Energy Storage Cabinet

- (1)Efficient energy management
- (2)Equipped with multiple safety protection features
- (3)Supports a variety of custom running mode settings
- (4)Free combination modular application

Nominal Capacity	51.2&48KWh
Module Type	102.4V 100AH&48V 200AH LiFePO4
Module Numbers	5
Nominal Charge/ Discharge Current	50/50&100/100 A
Nominal Voltage	51.2&48 V
Communication	CAN, RS485



1.GV200-60

- (1)User-friendly interface with easy operation
- (2)Natural cooling for completely silent operation
- (3)MPPT efficiency up to 99.9%
- (4)Ultra-low electricity costs

System voltage	12V/24V/36V/48V Auto
Battery voltage	9V ~ 65V
Solar maximum input voltage	200V
Rated charging current	60A
Maximum input power of photovoltaic system	850W/12V ; 1,680W/24V; 2,500W/36V ; 3,400W/48V



2.GV75 - 15/GV 100-20 /GV100-30/GV100-40/GV100-50

System voltage	12V/24V/Auto
Nominal Solar Input Power, 12V	220W & 290W & 440W& 570W & 700W
Nominal Solar Input Power, 24V	440W & 580W & 880W& 1,140W & 1,400W
Maximum Solar Short-Circuit Current	15A & 20A & 35A & 40A & 60A



7.APS40-PCC&APS60-PCW

40KWh High Voltage Commercial and Industrial Energy Storage Cabinet(Air Cooling)
60KWh High Voltage Commercial and Industrial Energy Storage Cabinet(Water Cooling)

- (1)Efficient energy management
- (2)Maximum output power 20000VA
- (3)Security warning up to 99.9%
- (4)>6,000 Cycles at 90% DOD

Battery Capacity	105Ah
Output Power	20&30KW
Depth of Discharge	90%
Maximum Apparent Output Power	20,000&30,000W
Cooling Method	Air-cooled & Water-cooled
Communication	MODBUS



KAD0001

KTECH ENERGY CO., LTD.

Chinese Listed Company, JZ00179

ABOUT KTECH

Energy Storage Solution Provider

Ktech Energy Co., Ltd. is a technology-driven enterprise dedicated to the research and development, manufacturing, and smart energy management of electricity application and storage technologies on the user side. The company has its own brand and provides integrated in-house hardware and software design, development, production, and verification, headquartered in Wuxi, Jiangsu Province, China. Ktech Energy focuses on the development and system software and hardware promotion of i HEMsSessTM. Ktech Energy is composed of a team of engineers, scientists, marketing, and operations management experts with rich experiences and technical expertise, jointly committed to technological innovation in the field of energy management.

In addition to the core iHEMssessTM integrated system, Ktech Energy also has the capability and team to develop residential hardware. The main products currently developed include hybrid inverters, MPPTs, and energy storage lithium-ion batteries that meet various mainstream market specifications.

MAIN PRODUCT

- Inverter
- Solar Charge Controller
- Lithium-ion Battery



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(QR code for QR code)

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European standard single-phase off-grid inverter



5.KE-12KL1EF 12kw European standard single-phase off-grid inverter

- (1)Supports up to 6 units in parallel
- (2)MPPT tracking efficiency up to 99.99%
- (3)Elegant design, easy installation, and user-friendly operation
- (4)Comprehensive security protection from software to hardware

Rated Power	12,000W
Peak Power	24,000W
Output Waveform	Pure Sine Wave
Battery Voltage	48V DC
Maximum Charging Current	220A
Maximum PV input power	5,500W+5,500W



4.KE-15KL3UF 15KW American Standard Three-Phase Off-Grid Inverter

- (1)Supports up to 15 units in parallel for off-grid operation, with multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

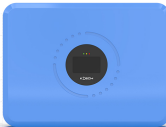
Rated Power	15,000W
Peak Power	30,000W
Operating Phase	Three Phase
Battery Voltage	40~60V DC
Maximum Charging Current	300A
Maximum PV input power	5,500W+5,500W



4.KE-12KLSUN 12kW American standard split-phase hybrid inverter

- (1)Supports up to 15 units in parallel for both grid-tied and off-grid operation; supports multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

Rated Power	12,000W
Max. AC Output Power	13,200W
Battery Voltage	48V DC
Maximum input current	26A+26A
Maximum PV input power	15,600W
Rated output voltage	120/240Vac, single-phase /split-phase



1.KE-R3K5L1EF 3.5kw European standard single-phase off-grid inverter

- (1)Comprehensive security protection from software to hardware.
- (2)Support lithium-ion battery BMS dual activation
- (3)MPPT tracking efficiency up to 99.9%
- (4)Beautiful appearance, simple installation, easy to use

Model	KE-R3K5L1EF
Rated Power	3,500W
Peak Power	7,000W
Output Waveform	Pure Sine Wave
Battery Voltage	24V DC
Maximum Charging Current	80A
Maximum PV input power	5,000W



2.KE-5K5L1EF 5.5kw European standard single-phase off-grid inverter

- (1)Supports up to 6 units in parallel
- (2)MPPT tracking efficiency up to 99.99%
- (3)Elegant design, easy installation, and user-friendly operation
- (4)Comprehensive security protection from software to hardware

Model	KE-5K5L1EF
Rated Power	5,500W
Peak Power	11,000W
Output Waveform	Pure Sine Wave
Battery Voltage	48V DC
Maximum Charging Current	100A
Maximum PV input power	6,000W



1.KE-5KLSUF 5kw American Standard Split Phase Off-Grid Inverter

- (1)Supports up to 15 units in parallel for off-grid operation, with multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

Rated Power	5,000W
Peak Power	10,000W
Output Waveform	Pure Sine Wave
Battery Voltage	40~60V DC
Maximum Charging Current	100A
Maximum PV input power	5,500W+5,500W



1.KE-5KLSUN 5kw American standard split-phase hybrid inverter

- (1)Supports up to 15 units in parallel for both grid-tied and off-grid operation; supports multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

Rated Power	5,000W
Max. AC Output Power	5,500W
Battery Voltage	40~60V DC
Maximum Charging Current	120A
Max. DC Input Power	6,500W
Rated PV Input Voltage	370 (125~500)V



3.KE-8KL1EF 8kw European standard single-phase off-grid inverter

- (1)Supports up to 6 units in parallel
- (2)MPPT tracking efficiency up to 99.99%
- (3)Elegant design, easy installation, and user-friendly operation
- (4)Comprehensive security protection from software to hardware

Rated Power	8,000W
Peak Power	16,000W
Output Waveform	Pure Sine Wave
Battery Voltage	48V DC
Maximum Charging Current	180A
Maximum PV input power	5,500W+5,500W



2.KE-8KLSUF 8kw American Standard Split Phase Off-Grid Inverter

- (1)Supports up to 15 units in parallel for off-grid operation, with multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

Rated Power	8,000W
Peak Power	16,000W
Output Waveform	Pure Sine Wave
Battery Voltage	40~60V DC
Maximum Charging Current	180A
Maximum PV input power	5,500W+5,500W



2.KE-8KLSUN 8kW American standard split-phase hybrid inverter

- (1)Supports up to 15 units in parallel for both grid-tied and off-grid operation; supports multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

Rated Power	8,000W
Max. AC Output Power	8,800W
Battery Voltage	48V DC
Maximum input current	26A+26A
Maximum PV input power	10400W
Rated output voltage	120/240Vac, single-phase /split-phase



4.KE-10KL1EF 10kw European standard single-phase off-grid inverter

- (1)Supports up to 6 units in parallel
- (2)MPPT tracking efficiency up to 99.99%
- (3)Elegant design, easy installation, and user-friendly operation
- (4)Comprehensive security protection from software to hardware

Rated Power	10,000W
Peak Power	20,000W
Output Waveform	Pure Sine Wave
Battery Voltage	48V DC
Maximum Charging Current	200A
Maximum PV input power	5,500W+5,500W



3.KE-10KLSUF 10KW American Standard Split Phase Off-Grid Inverter

- (1)Supports up to 15 units in parallel for off-grid operation, with multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

Rated Power	10,000W
Peak Power	20,000W
Output Waveform	Pure Sine Wave
Battery Voltage	40~60V DC
Maximum Charging Current	200A
Maximum PV input power	5,500W+5,500W



3.KE-10KLSUN 10kW American standard split-phase hybrid inverter

- (1)Supports up to 15 units in parallel for both grid-tied and off-grid operation; supports multiple battery parallel connections
- (2)Dual MPPT with up to 99.9% efficiency
- (3)Supports deep customization
- (4)BMS communication protocol can be open

Rated Power	10,000W
Max. AC Output Power	1,1000W
Battery Voltage	48V DC
Maximum input current	22A+22A
Maximum PV input power	1,3000W
Rated output voltage	120/240Vac, single-phase /split-phase



2.NP- WG10 10 kilowatt-hours battery

- (1)Round-trip efficiency ≥ 97.5%
- (2)High energy density
- (3)Supports parallel connection of up to 30+ units
- (4)Advanced Battery Management System (BMS)

Battery Type	48V 204 AH LiFePO4
Nominal Energy	9.6KWh
Peak Output Power (KW, 3 Seconds)	9.6KW
Nominal Voltage	48V
Max Charge/Discharge Current	200/200A
Communication	CAN, RS485



Lithium Battery