

ENERGY STORAGE SYSTEM -CKD SERIES

FOR ON-GRID&OFF-GRID



CKD Series Component Knockdown

- Energy saving
- Mini type
- Plug and play
- Battery energy storage
- Energy management
- Power grid input interface
- Flexible configuration

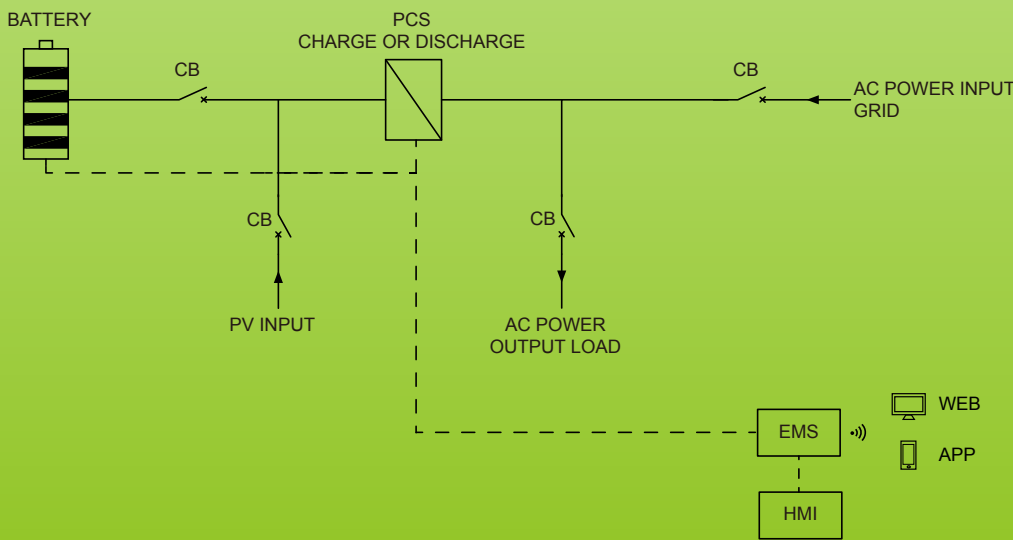
Energy Storage Series

CKD Series Residential Hybrid Energy System

Classified
Document
2024.12.10

CKD series of household energy storage integrated machines is a miniaturized independent power supply and energy-saving system product designed for household and on-grid/off-grid scenarios. It can be used in a hybrid mode of the power grid, batteries and solar energy or independently, providing user site with the most efficient clean energy solution.

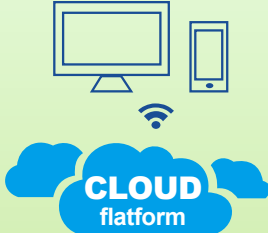
SEPCIFICATION	CKD3600	CKD6000	CKD10000
OUTPUT POWER (kWe)	3.6	6.0	10.0
OUTPUT VOLTAGE (V)	230/240		
BATT. CAPACITY (kWh)	6.7	15.6	20.5
BATT. VOLTAGE (DC.V)	51.2		



Battery system
*Intelligent management,
Intelligent cooling*



EMS SYSTEM



*Remote monitoring
through pc&app*



AC power from grid

AC OUTPUT: 230V/240V

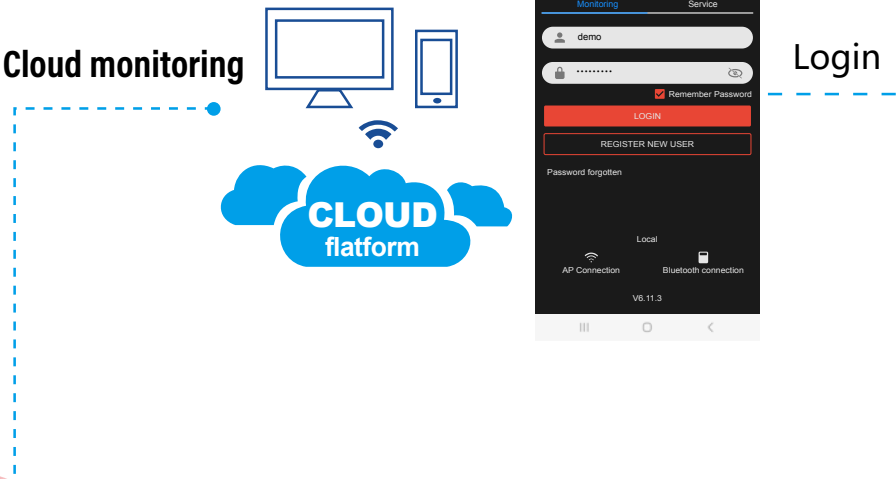


Load power supply

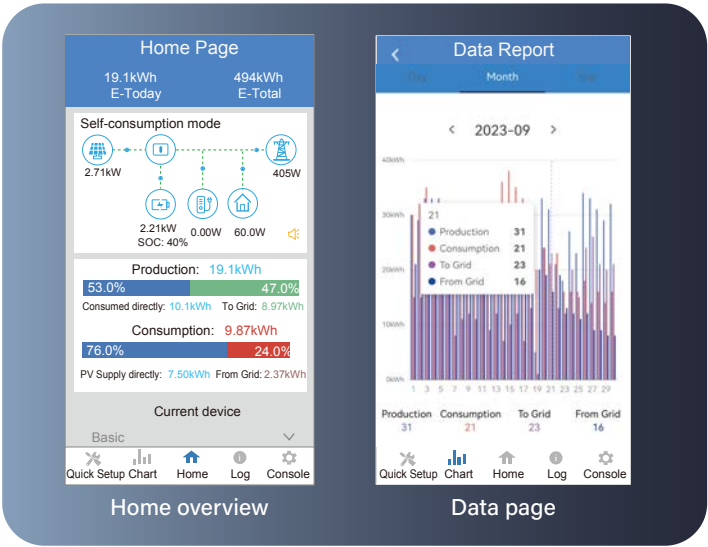
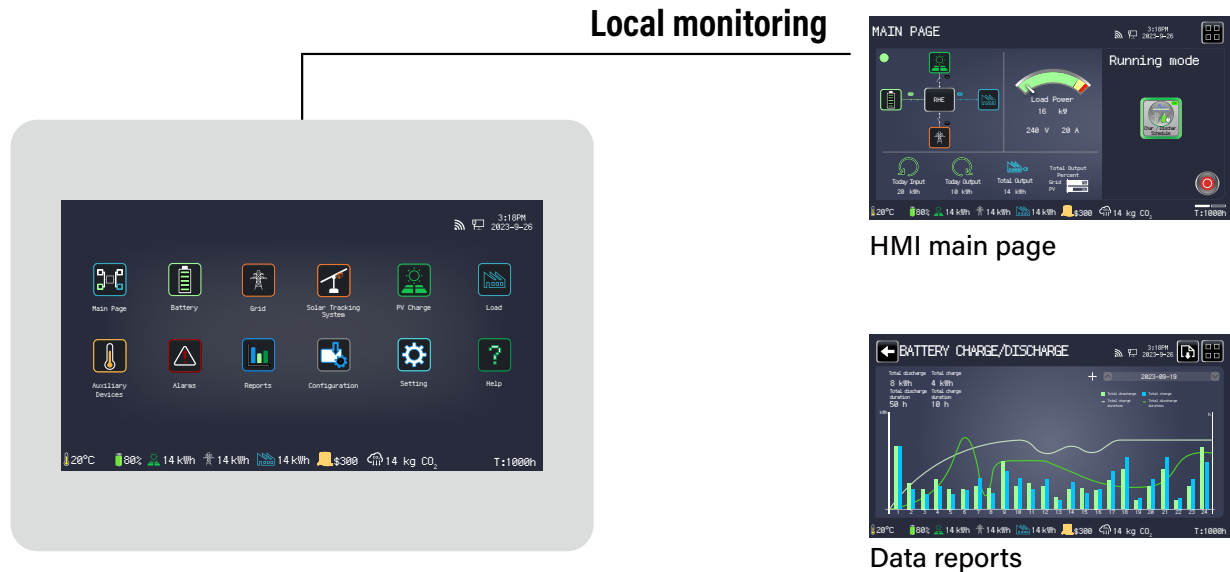
Energy Storage Series

CKD series products

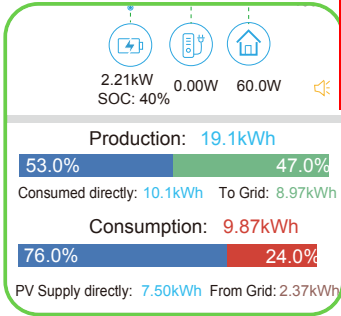
iCloud Management



Optional Local HMI



The client monitors the system data and operation status in real-time

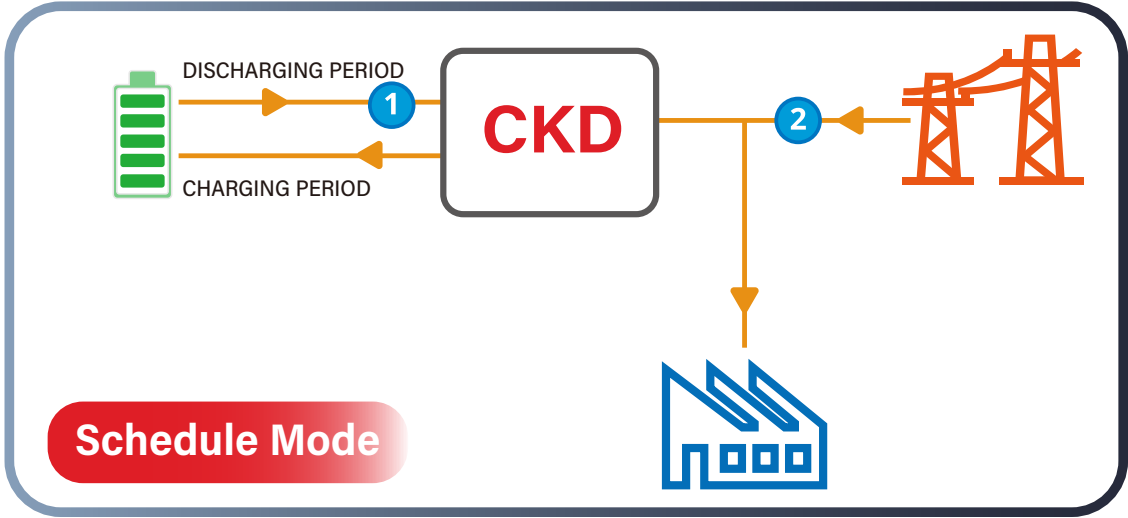


Classified Document

2024.12.10



The client monitors the system data and operation status in real-time



NOTE: 1 2 represents the priority of charge/discharge.

Energy Storage Series

CKD series products

Classified
Document
2024.12.10

- Household energy storage system, used in parallel with GRID, charge / discharge according to time-sharing plan, reducing the cost of electricity for users by 70%.
- Power output 3.6-10kWe, battery capacity 7-40kWh, supporting 1C charge and discharge rate.
- Equipped with PV input interfaces, using green energy, support large MPPT current, compatible with high-power solar panels.
- Built-in DC Breaker for safety and reliability.
- Advanced energy management mechanism, with multiple built-in working modes and flexible customized settings.
- Quick commission via mobile app, 24/7 remote monitoring, configuration and upgrade. Also supports the optional HMI screen for convenient local operation.
- IP65 protection rating, ensuring adaptability to complex outdoor environment.
- Optional generator and smart load functions.

Energy Storage Series

CKD Series Certifications

Classified Document

2024.12.10

	UK	AMERICA	AUSTRALIA
CKD SYSTEM	✓ UN 38.3 ✓ IEC 62109-1&2 ✓ IEC 62040-1 ✓ IEC 62477-1 ✓ IEC 61000	✓ UN 38.3 ✓ UL 1741 ✓ CSA C22.2 ✓ UL 1699B ✓ FCC Part 15 Class B	✓ UN 38.3 ✓ IEC 62109-1&2 ✓ IEC 62040-1 ✓ IEC 62477-1 ● AS/NZS 61000-6-3 ● AS/NZS 61000-6-4
ON-GRID	✓ G98/G99/G100	✓ UL 1741SB ✓ IEEE 1547: 2018 ✓ HECO SRD 2.0	✓ AS 4777.2
BATTERY PACK	● IEC 62619 ● IEC 60730 ● IEC 63056	● UL 9540A ● UL 1973	● IEC 62619 ● IEC 60730
BATTERY CELL	✓ IEC 62133	✓ UL 1642	✓ AS/NZS 62133 ✓ IEC 62619

NOTE:

✓

 Certified

●

 Certificate application in progress

