

E-Box

All-in-one

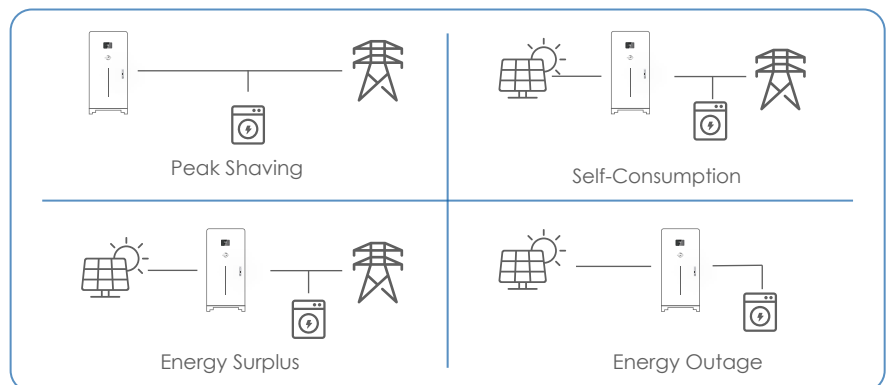
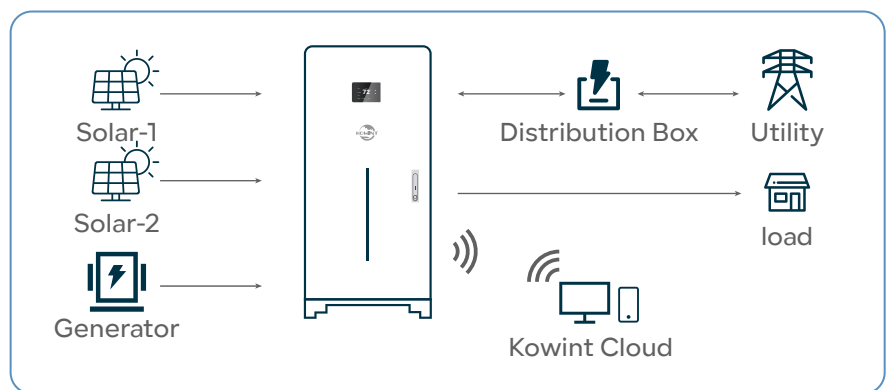
E-Box is an innovation integrated all-in-one energy storage system. It presents an unique modern exterior design and much more easier to install, operate and maintain, suitable for on grid & off grid. The core of the E-Box is a lithium iron phosphate battery system. And the sophisticated inverter, conveniently embedded in the upper section, has been optimized to integrate seamlessly with your power system. An intelligent cloud platform underpins the E-Box, enabling users to tailor system behavior and actively monitor operations, bringing about an unprecedented level of user control. Capacity options for US with 20kWh energy carrying a 12kW hybrid inverter and for EU with 10kWh energy carrying a 6kW hybrid inverter.

- ✓ All-in-one System
- ✓ IP54 Waterproof
- ✓ Easy Operation
- ✓ Extreme Safety
- ✓ High-Efficiency
- ✓ Data Visualization
- ✓ In/outdoor Installation
- ✓ Remote Monitoring

Your Green Energy Manufacturer



System Layout



PV Input

Max PV Input Voltage (Vdc)	500
Nominal DC Input Voltage (Vdc)	360
DC Input Voltage Range (Vdc)	120~500
Start-up Voltage (Vdc)	100
MPPT Number	2
Strings per MPPT	1/1
Max DC Input Current (A)	16/16
Max PV Input Power (W)	9000

AC Parameters

Phase	Single phase
Nominal Voltage (Vac)	230
Input Voltage Range (Vac)	176~270
Frequency (Hz)	50/60
Max AC Current (A)	28.7
Rated AC Power (W)	6000

Battery Parameters

Nominal Energy (kWh)	10.24
Max Charging Voltage (Vdc)	58.4
Discharge Cut-off Voltage (Vdc)	43.2
Cycle Life	≥8000times @ 80% DOD
Warranty	10 years

General Parameters

Dimensions (W*D*H mm)	600*320*1360
Net Weight (KG) (Approximate)	185
Level of Protection	IP54
Operating Temperature	-20°C ~ +50°C
Relative Humidity Range (RH)	10% ~ 90%
Max Operating Altitude (m)	1000
Cooling	FAN + Free convection
Communication	RS485/Wi-Fi/CAN
Certifications for Battery	UKCA/UL1973/CE/UN 38.3/IEC62619
Certifications for Inverter	CE/TUV/SAA/IEC62166; 2014/IEC61683:1999