

SmartBox

SmartBox is an IoT intelligent hardware that real-time collects operational data from connected slave devices such as smart meters, inverters, charging stations, heat pumps, etc. The collected generation and consumption data are integrated to achieve intelligent centralized management of energy.



1

Plug and Play

- · Instantly recognizes and integrates connected devices.
- · No need for complex device configurations.

3

Flexible Energy Management Strategies

• Offers a variety of selectable energy management strategies.

5

Optimal Utilization of Clean Energy

- · Maximizes the use of renewable energy sources.
- · Helps users save on electricity costs.

2

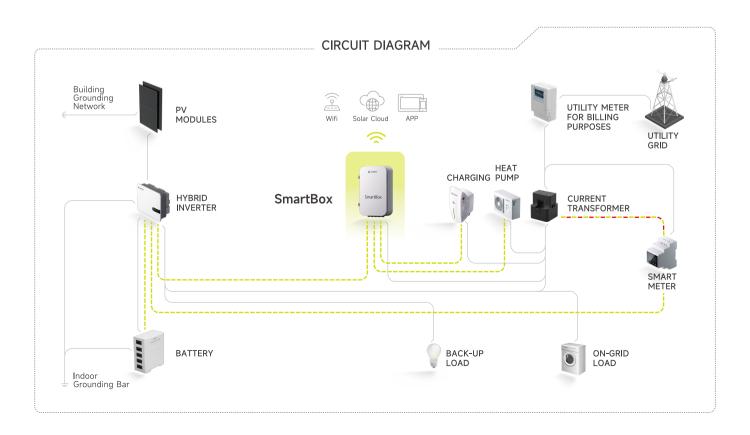
Versatile Connectivit

- Supports Ethernet, WiFi, Bluetooth connectivity options.
- Compatible with Modbus and other bus communication protocols.

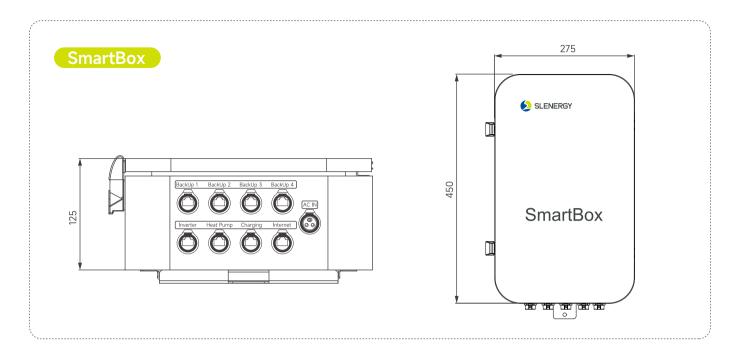


Mobile App Integration

• User-friendly mobile application for convenient control and monitoring.







SMARTBOX		
AC Side		
Max input/output voltage	[V _{AC}]	230
Frequency	[Hz]	50/60
Max input/output current	[A]	1
Communication		
Interface		LAN/RS485
Number of interfaces		8
Working Enviroment		
Operation Temperature	[°C]	-10~+50
Relative Humidity		98% Non-condensation
Altitudes	[m]	≤2000m
IP Degree		IP54
Installation method		Indoor, Hanging
Standards & Certifications		
Standards		IEC61439-1
		IEC61439-2
Certifications		CE
Dimensions W×H×D	[mm]	450×275×125
Weight	[kg]	9