

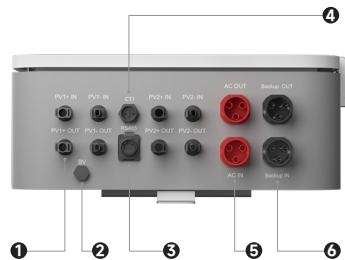
# iBox

## SL-BH5KL/SL-BH10KL

- Power Up with AC/DC Switching Capability
- Shield Your DC Circuit with Surge Protection
- AC Side: Surge Protection, Backup Safety, and the Intelligent RCBO Circuit Breaker
- Built-In Smart Meter: Real-Time Monitoring of Current, Voltage, Power, and Generation
- Rugged Enclosure: Pure Sheet Metal, IP54 Protection
- Effortless Connectivity: Plug-and-Play Input/Output Lines

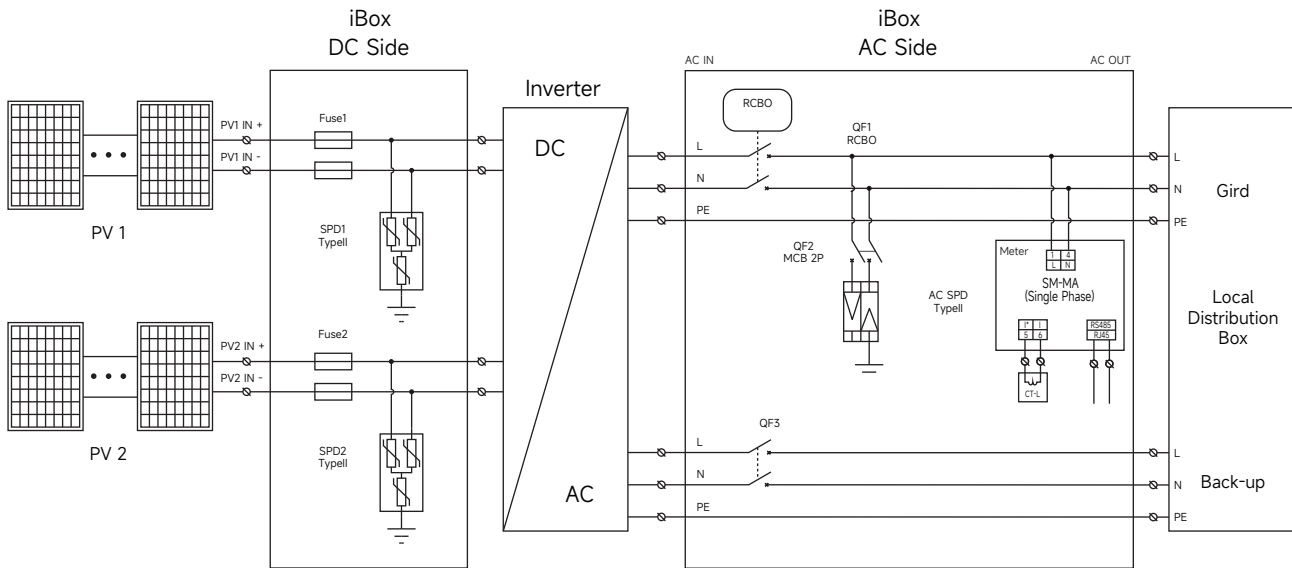


SL-BH5KL/SL-BH10KL



1. PV Input/Output Terminal
2. BV
3. RS485
4. CT
5. On-grid Input/Output Terminal
6. Back-up Input/Output Terminal

## Circuit Diagram



iBox	SL-BH5KL	SL-BH10KL
<b>DC Side</b>		
Max input/output voltage ( $V_{DC}$ )	600	600
Max input/output current (A)	15	15
<b>AC Side/Backup</b>		
Rated input/output voltage ( $V_{AC}$ )	240	240
Max input/output current (A)	25	45.4
Rated Frequency (Hz)	50/60	50/60
<b>Working environments</b>		
Operation Temperature ( $^{\circ}C$ )	-10~+50	-10~+50
Relative Humidity	98% Non condensation	98% Non condensation
Altitudes (m)	$\leq 2000$	$\leq 2000$
IP Degree	IP54	IP54
Installation methods	Indoor, Hanging	Indoor, Hanging
<b>Standards &amp; Certifications</b>		
Standards	IEC61439-1	IEC61439-1
	IEC61439-2	IEC61439-2
Certifications	CE	CE
Dimensions W×H×D (mm)	400×450×160	400×450×160
Weight (kg)	16	17