

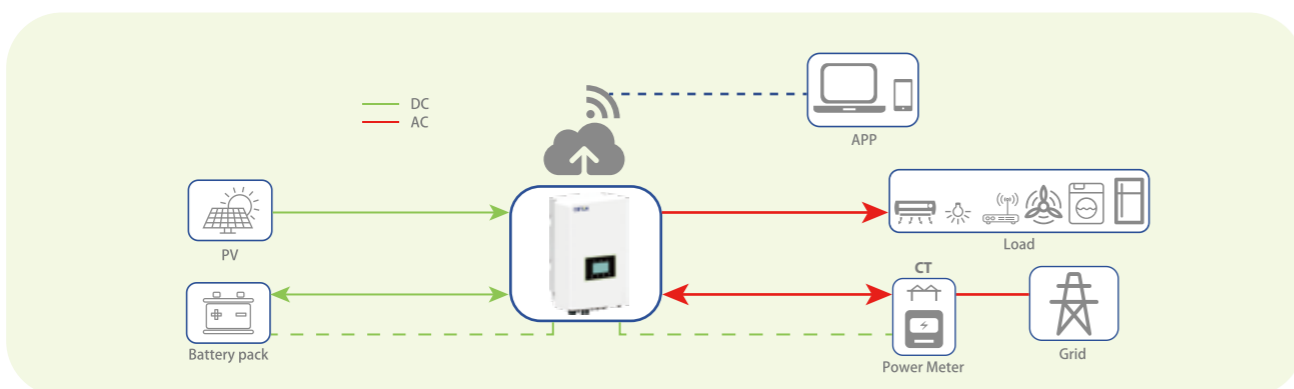


Hybrid-EU Single LV

CB-IV3K-SL-EU / CB-IV3.6K-SL-EU
CB-IV4.6K-SL-EU / CB-IV5K-SL-EU / CB-IV6K-SL-EU

Features

- Support off-grid application of diesel generators.
- Up to 15A MPPT current input to support high-power solar panels.
- Up to 120A max charge/discharge current.
- UPS level switching time (<10ms) supporting critical loads all the time.
- Flexible schedule for inverter charging and discharging time.



MODEL	CB-IV3K-SL-EU	CB-IV3.6K-SL-EU	CB-IV4.6K-SL-EU	CB-IV5K-SL-EU	CB-IV6K-SL-EU
DC INPUT(PV)					
Recommended max. PV power	3600W	6200W	6200W		
Max. input voltage	580V				
Start-up voltage	120V				
MPPT voltage range	90~520V		120~520V		
Max. input current	15A/15A				
MPPT number/Max. input strings number	'2/2				
DC INPUT/OUTPUT (BATTERY)					
Battery type	Lead-acid/Li-ion				
Battery voltage range	42-58V				
Max. charge/discharge power	3kW		5kW		
Max. charge/discharge current	72A		120A		
Communication	RS485/CAN				
AC OUTPUT					
Rated output power	3kW	3.6kW	4.6kW	5kW	6kW
Max. output power	3.3kW	4kW	4.6kW	5.5kW	6.6kW
Max. output current	15.1A	18.2A	23.2A	25.2A	30A
Back-up switch time	<10ms				
Rated grid output voltage/frequency	L/N/PE 220V/230V 50Hz/60Hz				
THDv (@linear load)	<3%				
AC INPUT					
Max. apparent input power	3.3kVA	4kVA	4.6kVA	5.5kVA	6.6kVA
Max. input current	15.1A	18.2A	23.2A	25.2A	30A
Rated grid input voltage/frequency	L/N/PE 220V/230V 50Hz/60Hz				
GENERAL					
Safety	IEC62109-1/-2/IEC61000-6-1/IEC61000-6-3				
Cooling concept	Natural				
Degree of protection	IP66				
Operating ambient temperature	-25 ~ +60 °C (>45 derating)				
Max. operation altitude	3000m				
Communication	RS485/WIFI/GPRS/LAN				
Weight	21.5kg				
Dimensions (W*H*D)	362mm×546mm×252mm				