

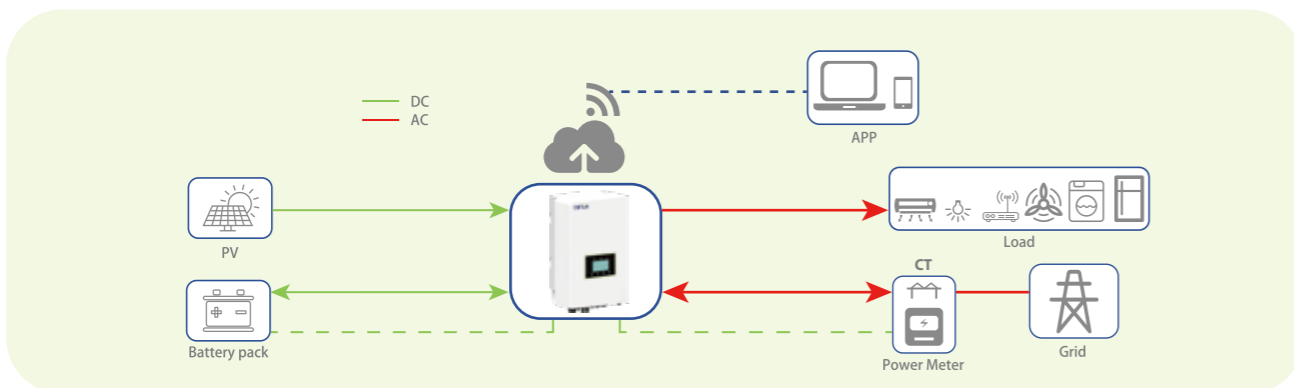


Hybrid-EU Single LV

CB-IV6K-SL- EU / CB-IV8K-SL-EU

Features

- Support off-grid application of diesel generators.
- Up to 16A MPPT current input to support high-power solar panels.
- Up to 140A 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 IV3624HF	CB IV6248HF
DC INPUT(PV)		
Recommended max. PV power	8KW	10KW
Max. input voltage	580V	
Start-up voltage	120V	
MPPT voltage range	120~520V	
Max. input current	16A/16A	
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	6kW	7kW
Max. charge/discharge current	120A	140A
Communication	RS485/CAN	
AC OUTPUT		
Rated output power	6kW	8kW
Max. output power	6.6kW	8.8kW
Max. output current	30A	40A
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	6.6kVA	8.8kVA
Max. input current	30A	40A
Rated grid input voltage/frequency	L/N/PE 220V/230V 50Hz/60Hz	
GENERAL		
Max. efficiency	97.5%	
Safety	IEC62109-1/-2	
EMC	IEC61000-6-1/IEC61000-6-3	
Cooling concept	Forced-air	
Degree of protection	IP65	
Operating ambient temperature	-25 ~ +60 °C (>45 derating)	
Max. operation altitude	3000m	
Communication	RS485/WIFI/GPRS/LAN	
Max. operation altitude	23kg	
Communication	362mm×640mm×252mm	