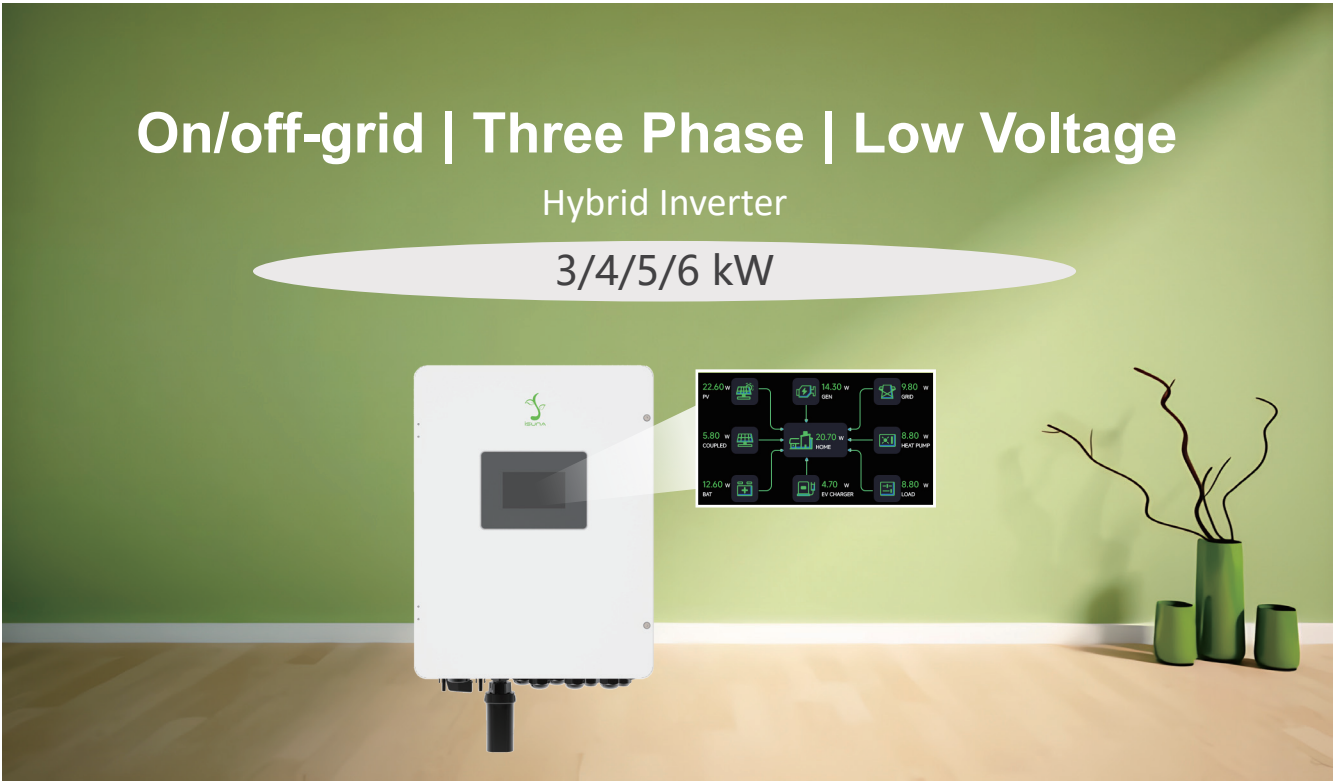




Product Features

- 

200-400% Grid Input Power

18.2A Grid Input Current
- 

Support 185-276V AC Voltage Range, Support 45-65Hz Frequency
- 

150-200% PV Input Power

20A PV Current, 2 MPPTs
- 

200-400%-10s Overload
- 

Smart Fan, Ultra Silence
- 

6 Units in Parallel (Off-grid Mode)
- 

<10ms On/Off-grid Switchover
- 

> 200% Generator Input Power

Executive Generator Port

Smart Monitoring
- 

IP65, Smaller Size

Easier for Installation and Price-wise in Shipping

Model Name	Isuna C3K-TL-S	Isuna C4K-TL-S	Isuna C5K-TL-S	Isuna C6K-TL-S
Off-grid Output				
Rated Output Power	3kW	4kW	5kW	6kW
Peak Power&Duration	3.3kWA	4.4kWA	5.5kWA	6.6kWA
Max. Output Current	5A	7A	8.5A	10A
Peak Power & Duration	12kW-10s*			
Rated Voltage	3/N/PE, 220/380Vac, 230/400Vac			
Frequency	50/60Hz			
THDu	<3%			
Switching Time	<10ms			
GEN Max. Current	18.2A			
GEN Voltage Range	185-276V(P2N)			
On-grid Parameter				
Rated Output Power	3kW	4kW	5kW	6kW
Max. Output Power	3.3kWA	4.4kWA	5.5kWA	6.6kWA
Max. Output Current	5A	7A	8.5A	10A
Max. Input Power	12kW			
Rated Grid Voltage	3/N/PE, 220/380Vac, 230/400Vac			
Grid Voltage range	185-276V （P2N）			
Grid Frequency	50/60±5Hz			
Thdi	<3%			
PV Input				
Max. DC Input Power	6000Wp	8000Wp	9000Wp	9000Wp
Starting Voltage	140V			
Max.Input Voltage	800V			
MPPT Voltage Range	130V-800V			
MPPT Numbers	2			
Strings Per MPPT	1/1			
Max. DC Input Current	20A/20A			
Max. Short-circuit Current	24A/24A			
Battery Parameter				
Battery Type	Lithium-ion/Lead-acid/Sodium-ion			
Number of Battery Input	1			
Battery Voltage Range	30-60V			
Max. Chg&Dchg Current	125A			
Efficiency				
Max. Efficiency	97.80%			
European Efficiency	97.30%			
Max. Battery Chg&Dchg Efficiency	95.00%			
General Data				
Size(W*H*D)	380*500*180mm			
Weight	25kg			
Noise	<45dB(A)			
Operating Temperature	-25℃~+60℃ （>45℃ Derating）			
Operating Altitude	4000m (>3000m Derating)			
Topology	Isolation			
Cooling Method	Intelligent Air Cooling			
Ingress Protection Grade	IP65			
Communication Port	RS485*1,Wi-Fi/4G dongle*1,DO*2,DRM*1			
Protection	DC Switch ; Reverse Polarity Protection ; AC Overvoltage/Overcurrent/Short Circuit Protection; Anti-islanding Protection ; Residual Current Monitoring ; Insulation Resistance Detection; Surge Protection: DC Type II / AC Type III ; Battery Reverse Protection			
Certification				
Safety Regulation	IEC62109-1&2, IEC62040-1			
EMC	EN61000-6-1, EN61000-6-2, EN61000-6-3,EN61000-6-4 EN 61000-4-16, EN 61000-4-18,EN 61000-4-29			

* Overload output is dependent on sufficient PV and battery energy