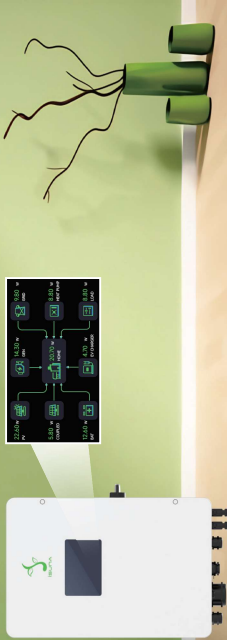


On/off-grid | Single Phase | Low Voltage

Hybrid Inverter

3/4/5/6 kW



Product Features



200-400% Grid Input Power
54A Grid Input Current



Support 184-276V AC
Voltage Range, Support
45-65Hz Frequency



150-200% PV Input Power
18A PV Current, 2 MPPTs



120-200% 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 S3K-SL-S	Isuna S4K-SL-S	Isuna S5K-SL-S	Isuna S6K-SL-S
Off-grid Output				
Rated Output Power	3000W	4000W	5000W	6000W
Peak Power &Duration	7800W(10s)/9000W(1s)			
Rated Voltage	220V/230V/240V			
Rated Frequency	50/60Hz			
Rated Output Current	13.6A	18.2A	22.7A	27.2A
Output THDu	<2%			
Generator Input Current	54A			
On-grid Parameter				
Rated Output Power	3000W	4000W	5000W	6000W
Max. Output Current	13.6A	18.2A	22.7A	27.2A
Max. Input Current from Grid	54A			
Rated Grid Voltage	220V/230V/240V			
Grid Voltage Range	184-276V			
Frequency Range	45-65Hz			
PV Input				
Max. Input Power	9000Wp			
Starting Voltage	95V			
Max.Input Voltage	500V			
MPPT Voltage Range	80-500V			
Number of MPPT	2			
Max. Input String Per MPPT	1			
Rated Input Voltage	360V			
Max. Input Current	18A/18A			
Short-Circuit Current	22A/22A			
Battery Parameter				
Battery Type	Lithium-ion/Lead-Acid/Sodium-ion			
Rated Battery Voltage	51.2V			
Battery Voltage Range	30-60V			
Max. Charging Voltage	≤60V			
Battery Charging/Discharging Current	125A			
Efficiency				
Max. Efficiency	97.5%		97.6%	97.6%
European Efficiency	97.2%		97.2%	97.2%
Max. Battery Charging/Discharging Efficiency	94%			
General Data				
Size (W*H*D)	325mm*480mm*188.5mm			
Weight	21kg			
Noise	<45dB(A)			
Operating Temperature	-25℃~+60℃ (>45℃ Derating)			
Operating Altitude	4000m (>3000m Derating)			
Cooling Method	Intelligent Air Cooling			
Ingress Protection Grade	IP65			
Monitoring	LCD/APP/WiFi/Bluetooth/4G/LAN			
Communication Port	RS485/CAN/DIO/Parallel port			
Protection	DC Switch; AC Overvoltage Protection; AC Overcurrent Protection; AC Short Circuit Protection;Anti-islanding Protection; Residual Current Monitoring; Surge Protection;LEVEL II; Reverse Polarity Protection(PV&Battery);Lightning Protection			
Certification				
CE-LVD	IEC 62109-1, IEC 62109-2, EN 62109-1, EN 62109-2, IEC 62477-1			
CE-EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 62920			