



Product Features

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**Max. Efficiency 97.5%,
3-5% Higher than Average**
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**125-250% PV Input Power
PV Input Current 18A-36A**
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**230-460% Grid Input Power,
30A-60A Grid Input Current
Supplying to Loads & Charging
Battery in Parallel**
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3-years Standard Warranty
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**Support 176-264V AC
Voltage Range**
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**130-260% Overload
>200% Generator Input**
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**Mini-sized, Easier for Installation
and Price-wise in Shipping**
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Support 6 Units in Parallel
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**Smart Fan, Ultra Silence
Fan Running since 50% Rated
Power Output**

Model Name	Isuna O1.5K-SL-G2	Isuna O2.2K-SL-G2	Isuna O3K-SL-G2	Isuna O4K-SL-G2	Isuna O5K-SL-G2	Isuna O6K-SL-G2
Off-grid Output						
Max. Output Power	1500VA	2200VA	3000VA	4000VA	5000VA	6000VA
Output Voltage&Range	220V/230V/240Vac±10%					
Rated Output Current	6.8A	10A	13.6A	18.2A	22.7A	27.2A
Peak Power&Duration	4kVA(10s)			8kVA(10s)		
Max. Generator Input	6KVA			12KVA		
On-Grid Parameter						
Max. AC Input Current	30A			60A		
Max. Load Power	4kW			8kW		
Max Output Power	1500VA	2200VA	3000VA	4000VA	5000VA	6000VA
Rated Output Current	6.8A	10A	13.6A	18.2A	22.7A	27.2A
On-Grid Voltage	220V/230V/240Vac					
Nominal AC Frequency	45-55Hz/55-65Hz					
Grid Voltage Range	176-264V					
THDi	<3%					
PV Input						
Max. DC Input Power	3750W			7500W		
Rated DC Input Voltage	360V					
Input Voltage Range	60-500V					
MPPT Voltage Range	60-500V					
Starting Voltage	72V					
Numbers of MPPT	1					
Max. DC Input Current	18A			36A		
Max. Short-circuit Current	22A			44A		
Battery Parameter						
Battery Type	Lithium-ion/Lead-Acid					
Rated Battery Voltage	48V					
Battery Voltage Range	42-58V					
Max. Discharge Current	62.5A			125A		
Max. Charge Current	62.5A			125A		
Charging Curve	3 stages					
Efficiency						
Europe Efficiency	97.2%	97.3%	97.3%	97.2%	97.3%	97.3%
Max.Efficiency	97.4%	97.5%	97.5%	97.4%	97.5%	97.5%
Max. Battery Charging/Discharging Efficiency	94.0%					
General Data						
Size(W*H*D)	315mm*280mm*80mm			345mm*305mm*98mm		
Weight	5.5kg			7kg		
Noise	<40dB(A)					
Operating Temperature	-25℃~+60℃(>40℃ Derating)					
Operating Altitude	4000m(>2000m Derating)					
Cooling Method	Intelligent Air Cooling					
Mornitoring	LCD/LED/APP/WIFI/Bluetooth					
Communication Port	CAN+RS485					
Protection	Over Current/Voltage Protection;AC Short-circuit Protection;Over Temperature Protection					
Parallel Capability	Max. 6 Units					
Ingress Protect Degree	IP20					
Certification						
CE-LVD	EN 62109-2:2011 EN 62109-1:2010					
CE-EMC	EN61000-6-1, EN61000-6-2					