



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,
Higher Compatibility with
PV Panel**
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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-SOU-G2	Isuna O2.2K-SOU-G2	Isuna O3K-SOU-G2
Off-grid Output			
Max. Output Power	1500VA	2200VA	3000VA
Output Voltage&Range	220V/230V/240Vac±10%		
Rated Output Current	6.8A	10A	13.6A
Peak Power & Duration	4kVA(10s)		
Max. Generator Input	6KVA		
On-grid Parameter			
Max. AC Input Current	30A		
Max. Load Power	4kW		
Rated AC Voltage	220V/230V/240Vac		
Rated AC Frequency	45-55Hz/55-65Hz		
Grid Voltage Range	176-264V		
THDi	<3%		
PV Input			
Max. DC Input Power	3750W		
Rated DC Input Voltage	360V		
Input Voltage Range	60-500V		
MPPT Voltage Range	60-500V		
Starting Voltage	60V		
Numbers of MPPT	1		
Max. DC Input Current	18A		
Max. Short-circuit Current	22A		
Battery Parameter			
Battery Type	Lithium-ion/Lead-Acid		
Rated Battery Voltage	24V		
Battery Voltage Range	21-29V		
Max. Discharge Current	125A		
Max. Charge Current	125A		
Charging Curve	3 stages		
Efficiency			
Europe Efficiency	97.2%	97.3%	97.3%
Max.Efficiency	97.4%	97.5%	97.5%
Max. Battery Charging/Discharging Efficiency	94.0%		
General Data			
Size(W*H*D)	315mm*280mm*80mm		
Weight	5.5kg		
Noise	<40dB		
Operating Temperature	-25℃~+60℃ (>55℃ Derating)		
Operating Altitude	4000m (>2000m Derating)		
Cooling Method	Smart 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		