



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-SOL-G2	Isuna O2.2K-SOL-G2	Isuna O3K-SOL-G2	Isuna O4K-SOL-G2	Isuna O5K-SOL-G2	Isuna O6K-SOL-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		
Grid Parameter						
Max. AC Input Current	30A			60A		
Max. Load Power	4kW			8kW		
Rated AC 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	60V					
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					
Operating Temperature	-25℃ ~ +60℃ (>40℃ 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					