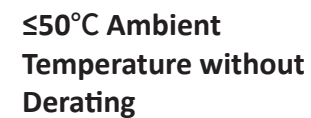
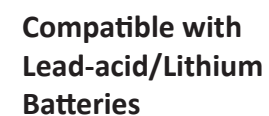


3/4/5/6/8/10/12kW



Model Name	Isuna 3000SO	Isuna 4000SO	Isuna 5000SO	Isuna 6000SO	Isuna 8000SO	Isuna 10000SO	Isuna 12000SO
Off-grid Output							
Max. Output Power	3kVA	4kVA	5kVA	6kVA	8kVA	10kVA	12kVA
Nominal Output Voltage	220Vac						
Output Voltage Range	220Vac±10%						
Nominal Output Current	13.6A	18.2A	22.7A	27.2A	36.4A	45.4A	54.4A
Peak Power- Duration	4.5kVA-10s	6kVA-10s	8kVA-10s	8kVA-10s	12kVA-10s	15kVA-10s	15kVA-10s
Grid Parameter							
Max. Grid Input Current	60A				100A		
Nominal Grid Voltage	220Vac						
Grid Voltage Range	176-264V						
Nominal Grid Frequency	50/60Hz						
THDi	<3%						
PV Input							
Max. Input Power	6600W	7000W	8000W	9000W	14000W	16000W	18000W
Input Voltage Range	100-500V						
Mppt Voltage Range	100-500V						
Number of MPPT	2				4		
Max. Input String Per MPPT	1						
Nominal Input Voltage	360V						
Starting Voltage	120V						
Max. Input Current	18A/18A				18A/18A/18A/18A		
Short-Circuit Current	22A/22A						
Battery Parameter							
Battery Type	Lithium-ion/Lead-Acid(optional)						
Nominal Battery Voltage	48V/51.2V						
Battery Voltage Range	42-58V						
Max. Charging Voltage	58V						
Lead-Acid Charging Curve	3 stages						
Max. Charging Current	60A	80A	100A		160A	200A	
Max. Discharging Current	60A	80A	100A	120A	160A	200A	
Efficiency							
Max. Efficiency	98.20%						
European Efficiency	97.70%						
Max. Battery Charging/Discharging Efficiency	97.80%						
General Data							
Size(W*H*D)	360mm*470mm*114mm				480mm*500mm*200mm		
Weight	14kg				29kg		
Noise	<25dB						
Operating Temperature Range	-25℃~+60℃						
Cooling Method	Intelligent Air Cooling						
Parallel Units	6				1		
Warranty	5 years						
Ingress Protection Grade	IP20						
Communication Method	LED/LCD/WIFI/Bluetooth/RS485						
Communication Port	CAN + RS485						
Protection	Reverse Polarity Protection; Over Current/Voltage Protection; AC Short-circuit Protection; PV Ground Fault Monitoring; Over Temperature Protection						
Certification							
CE-LVD	EN 62109-2:2011, EN 62109-1:2010						
CE-EMC	EN 61000-6-1, EN 61000-6-2						