

离网光伏产品系列 OFF-GRID PV PRODUCTS SERIES

离网逆变器

Off-grid Inverter



三相离网逆变器 Three-phases off-grid Inverter

产品简介 Introduction

GSI三相系列逆变器是针对新能源发电系统设计制造的离网逆变电源，主要应用于光伏电站、风力发电站、风、光、油、蓄互补发电系统和户用光伏供电系统等领域，特别是需要三相四线制交流电的场所。输出带隔离变压器，纯正弦波输出，优越的过载能力和完善的保护功能，为交通不便、环境恶劣的山区、牧区、边防、海岛等无电地区，利用新能源发电提供了绝对的可靠性，并可以采用大功率三相逆变器为无电区域采取集供电方式。

系统支持市电/柴油发电机输入，可以根据客户要求设置输出模式为旁路优先或者光伏优先。

GSI series three-phase inverter for new energy generation system design and manufacture of off-grid power inverter, mainly used in photovoltaic power plants, wind power plants, wind, light, oil, storage and solar power generation systems and household photovoltaic power systems and other fields in particular need a three-phase four-wire AC places. Output with isolation transformer, pure sine wave output, superior overload and perfect protection for inaccessible mountainous harsh environments, pastoral, border, island and other areas without electricity, the use of new energy generation provides absolute reliability, and you can use high-power three-phase inverter power supply is set to take the region without electricity.

The system supports Gird supply / diesel generator input, you can set the output mode according to customer requirements for a bypass or photovoltaic priority priority.

功能特点 Features

- ◆ 三相输出支持100%不平衡负载。
- ◆ 输出变压器隔离，耐冲击性负载。
- ◆ 纯正弦波输出，足功率输出。
- ◆ 保护功能完善：输出过载保护、输出短路保护、防反接保护、输入过欠压、过温保护等一系列报警和保护功能。
- ◆ 智能空载自动休眠功能。
- ◆ 人性化语音提示和LCD触摸屏图文显示，智能开机提示功能及误操作提醒功能等，操作直观便捷。
- ◆ 功能强大的通讯接口和网络远程监控等。
- ◆ 丰富的选配件，可根据实际需求灵活配置。
- ◆ 独立密闭风道，最优化的通风设计，内部采用模块化安装，所有需要维护的器件都有可以前面维护可三面靠墙或并列安装。
- ◆ Three-phase output supports 100% unbalanced load.
- ◆ Output transformer isolation, impact resistance load.
- ◆ Pure sine wave output, enough power output.
- ◆ Protection function: output overload protection, output short circuit protection, reverse polarity protection, input over voltage, over temperature protection and a series of alarm and protection.
- ◆ Intelligent empty load automatic sleep function.
- ◆ Humane voice prompts and LCD touch screen graphic display, smart boot prompts and reminders, such as misuse, intuitive and easy to operate.
- ◆ Powerful communication interfaces and network remote monitoring.
- ◆ Wealth of options can be flexibly configured according to the actual needs.
- ◆ Independent airtight duct, ventilation design optimization, internal modular installation devices have all the required maintenance can maintain the front or side wall can be installed on three sides.

技术参数 Technical data

型号 MODLE	GSI 360- 40K3	GSI 360- 60K3	GSI 360- 80K3	GSI 360- 100K3	GSI 360- 120K3	GSI 360- 160K3	GSI 360- 200K3	GSI 360- 400K3	GSI 360- 600K3
额定功率 Rated power (KW)	40	60	80	100	120	160	200	400	600
输入电压 Input voltage (VDC)								360	

市电旁路（选配）Mains bypass (optional)

输入电压允许范围 Input voltage range (Vac)	380±15%
输入频率 Input Frequency (Hz)	50/60±3%
市电充电电流（选配） Mains charging current (optional)	标准：20A Standard: 20A

交流输出 AC output

输出波形 Output waveform	纯正弦波 Pure sine wave
输出电压 Output voltage	三相，380VAC±1% Three- phases, 380vac±1%
输出频率 Output frequency(Hz)	50/60±1%
输出波形失真率 Output waveform distortion (THD)	≤2% (线性负载) (liner overload)
逆变效率 Inverter efficiency	≥90%
电流峰值系数 Current peak factor	3:1
过载能力 Overload capacity	105-110%，600秒；110-125%，60秒；>125%，10秒 105-110%，600seconds；110-125%，60seconds；>125%，10seconds
显示方式 Display mode	LCD+LED
保护功能 Protection	输入反接保护、输入欠压保护、输入过压保护、输出过载保护、输出短路保护（不自动恢复，需重启机器）、机器过热保护。 Input reverse polarity protection, input under-voltage protection, input overvoltage protection, output overload protection, output short circuit protection (no automatic recovery, the need to restart the machine), overheating protection.

通讯功能 Communication	RS485(可选网络远程监控)(Remote monitoring network is optional)								
环境 environment									
防护等级 Protection drgee	IP20								
使用海拔 Altitude(m)	≤ 4000 (1000m以上每100m降额1%) (1000m above derating 1% per 100m)								
冷却方式 Cool Mode	强制通风 Forced cool air								
允许相对湿度 Permissible relative humidity	<95% 无凝露 No condensation								
环境温度 Ambient Temperature (°C)	-10 ~ +40								
噪音 noise (1m)	≤50dB								
深x宽x高 (DxWxH)mm	905*625*1610		1030*800*1735			1105*900*1810		1500*1910 *1105	
重量 Weight (Kg)	550	600	700	850	900	1000	1100	1450	1800

以上数据为参考数据，若有变动，恕不另行通知。特殊电压可定制。

Above information is just for reference,no inform if there is any change.Special voltage can be customized.

