

## 离网光伏产品系列 OFF-GRID PV PRODUCTS SERIES

### 高频GST系列

High-frequency GST series



#### 产品介绍 Introduction

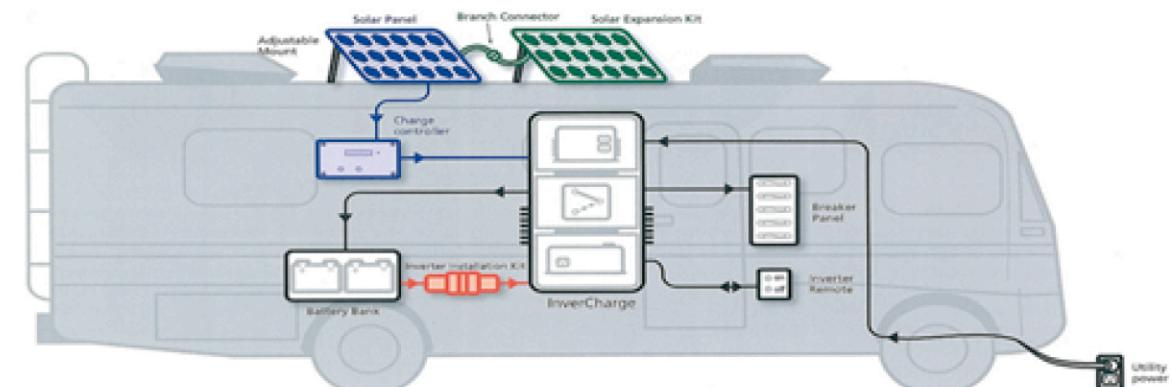
GST系列逆控一体机是集光伏MPPT控制器、市电充电器与高频逆变器功能为一体的纯正弦波光伏离网发电设备。

通过控制器或者市电充电器给蓄电池充电，同时蓄电池向逆变部分供电，逆变部分再将交流电力提供给交流负载。

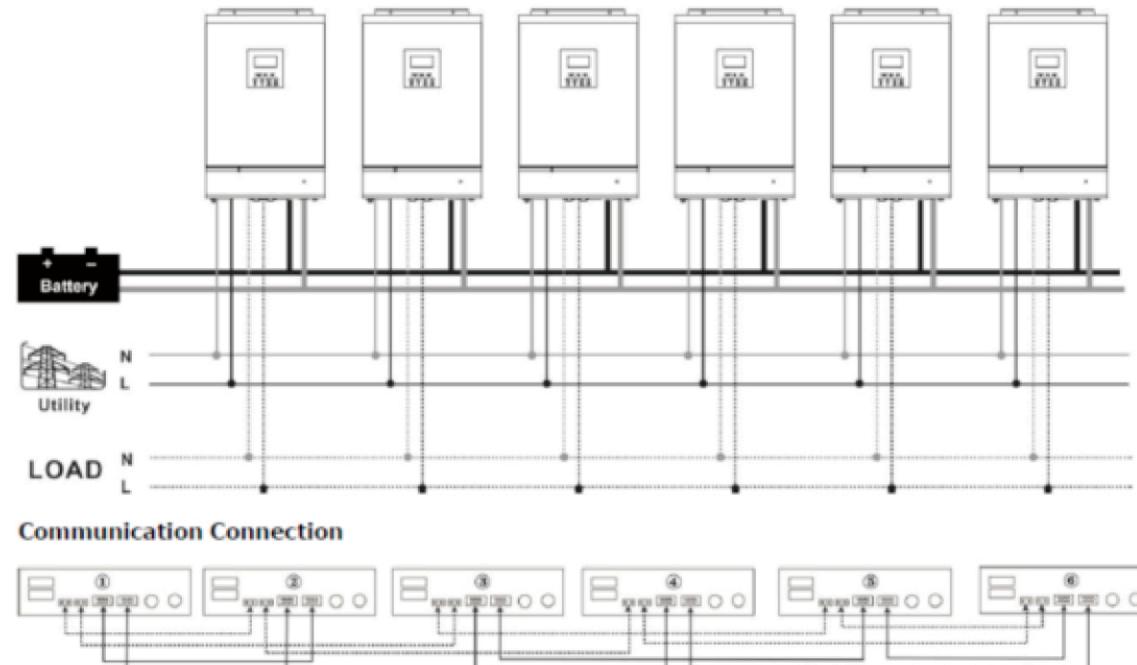
GST series Controller & Inverter integrated machine is include PV MPPT Controller, Grid charger and High-frequency inverter's Pure sine wave photovoltaic off-grid power generation equipment. By Controller or Grid to charge battery, and Battery supply power to Inverter at same time, Inverter parts supply AC power to AC load.

#### 功能特点 Features

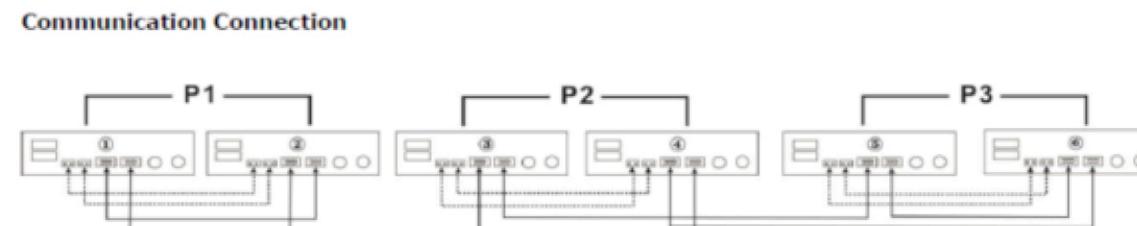
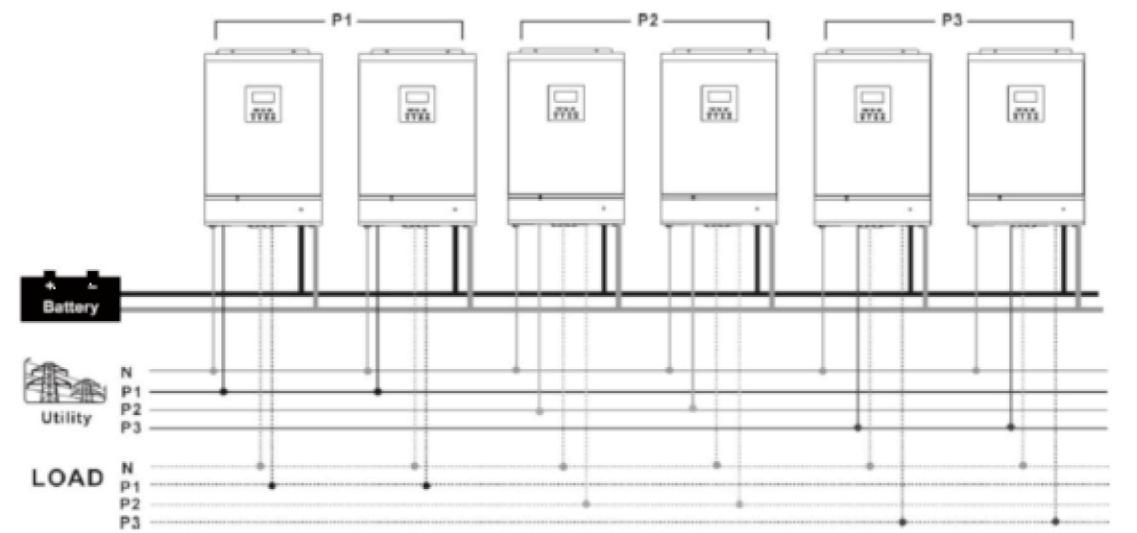
- ◆ 纯正弦波逆变器
- ◆ 可选择的输入电压范围可用于家电和个人电脑
- ◆ 可选择充电电流
- ◆ 可通过LCD设置来设定AC,太阳能对电池充电的优先级
- ◆ 兼容电源电压或发电机供电
- ◆ 自动重新启动功能,可无人值守
- ◆ 过载和短路保护
- ◆ 可6台并机运行或是构成三相电源输出(限4KVA/5KVA)
- ◆ 可选配远程监控面板
- ◆ Pure Sine wave inverter
- ◆ Can choose the input voltage range can be used in home appliances or personal computers
- ◆ Can choose Charge current
- ◆ Can set AC or Solar charge to battery priority by LCD.
- ◆ Compatible with Power supply voltage or generator power supply
- ◆ Auto restart function, Unattended
- ◆ Overload and short circuit protection
- ◆ Can run six weaver or a three-phase power supply output (limited to 4 kva / 5 kva)
- ◆ Optional remote monitor and control panel



可多台并联运行 Many sets of parallel operation



可组成三相电源系统 Constitute a three-phase power system



技术参数 GST series technical date

额定功率 Rated power	1000VA/800W	1000VA/1000W	2000VA/1600W	3000VA/2400W	3000VA/2400W	4000VA/3200W	5000VA/4000W						
输入 Input													
电压 Voltage	230VAC												
可选择电压范围 Option Voltage Range	170~280 VAC (个人计算机用 PC) ; 90~280 VAC (家电用 Home appliance)												
频率范围 Frequency Range	50Hz/60Hz (自动侦测 Auto detects)												
输出 Out put													
市电电压范围 Grid Voltage Range	230VAC ±5%												
最大效率 Efficiency (Rush hour)	90%			93%									
转换时间 Transform Time	10ms (个人计算机用 PC) ; 20ms (家电用 Home appliance)												
波型 Wave	纯正弦波 Pure sine wave												
电池&AC充电器 Battery & AC charger													
电池电压 Battery voltage	24VDC	48VDC	24VDC	24VDC	48 VDC	48VDC							
浮充电压 Float charger voltage	27VDC	54VDC	27VDC	27VDC	54VDC	54VDC							
过度充电保护 Overcharge protection	31VDC	62VDC	31VDC	31VDC	62VDC	60VDC							
最大充电电流 Maximum charge current	10A 或 20A	10A 或 15A	20A 或 30A	20A 或 30A	10A 或 15A	20A 或 30A							
太阳能充电器 Solar Charger													
最大功率 Maximum power	600W	900W	600W	600W	900W	900W	3000W						
MPPT范围@工作电压 MPPT range @ work voltage	30 ~ 66 VDC	60 ~ 88 VDC	30 ~ 66 VDC	30 ~ 66 VDC	60 ~ 88 VDC	60 ~ 115 VDC							

最大开路电压 Maximum open voltage	75 VDC	102 VDC	75 VDC	75 VDC	102 VDC	145 VDC
最大充电电流 Maximum charge current	25A	18A	25A	25A	18A	60A
最大效率 Maximum efficiency	98%					
待机功耗 Standby power consumption	2W					
外观 Appearance						
深x宽x高(DxWxH) mm	128 x 272 x 355				140 x 295 x 540	
重量 Weight (KG)	7.4	7.6	8	12.5	13.5	

注：以上数据为参考数据，若有变动，恕不另行通知

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

