

1/1.5KW OFF GRID INVERTER

MAIN FEATURES

- Pure sine wave solar inverter
- Built-in 40A MPPT solar charger
- PV input voltage range:  
20-150VDC (for 1000W),30-150VDC(for 1500w)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- meet rich customized demands
- Solar energy is provided directly to the load first



Max.Efficiency  
98%



IP21  
Ingress Protection

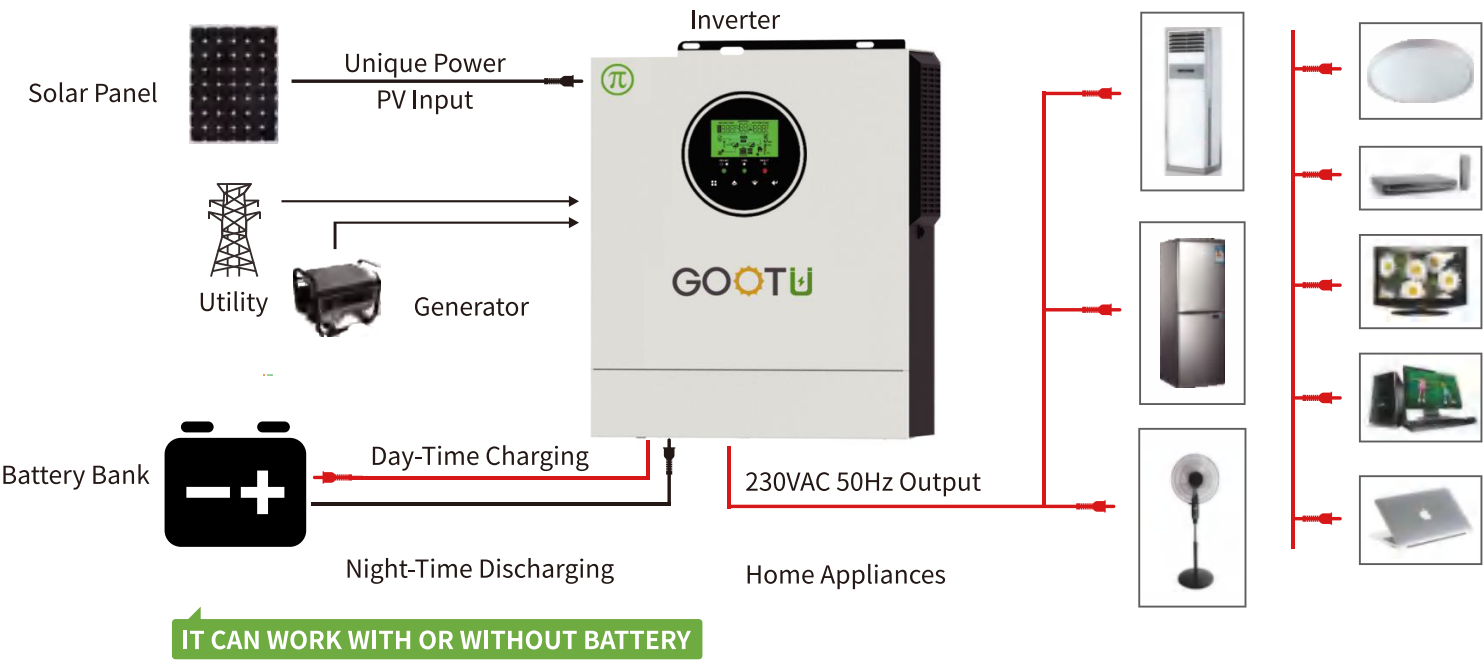


40A MPPT



LCD Display

Solar System Connection



| Model                                       | JSY-O1210E40                                  | JSY-O2415E40  |
|---------------------------------------------|-----------------------------------------------|---------------|
| RATED POWER                                 | 1000W/1000VA                                  | 1500W/ 1500VA |
| AC Input                                    |                                               |               |
| Voltage                                     | 230VAC                                        |               |
| Selectable Voltage Range                    | 170~280VAC(For Personal Computers)            |               |
|                                             | 90~280VAC(For Home Appliances)                |               |
| Frequency Range                             | 50 Hz/60Hz(Auto sensing)                      |               |
| AC OUTPUT                                   |                                               |               |
| AC Voltage Regulation                       | 230VAC±5%                                     |               |
| Surge Power                                 | 2000 VA                                       | 3000VA        |
| Efficiency(Peak)PV to INV                   | 98%                                           |               |
| Efficiency(Peak)Battery to INV              | 94%                                           |               |
| Transfer Time                               | 10 ms                                         |               |
| BATTERY                                     |                                               |               |
| Battery Voltage                             | 12VDC                                         | 24VDC         |
| Floating Charge Voltage                     | 13.5VDC                                       | 27VDC         |
| Overcharge Protection                       | 16VDC                                         | 32VDC         |
| SOLAR CHARGER & AC CHARGER                  |                                               |               |
| Solar Charger Type                          | MPPT                                          |               |
| Maximum PV Array Power                      | 600W                                          | 1200W         |
| MPPT Range @ Operating Voltage              | 20~150VDC                                     | 30~150VDC     |
| Maximum PV Array Open Circuit Voltage solar | 150VDC                                        |               |
| Maximum Solar Charge Current                | 40A                                           |               |
| Maximum AC Charge Current                   | 40A                                           |               |
| Maximum Charging Current (Solar+AC)         | 80A                                           |               |
| PHYSICAL                                    |                                               |               |
| Dimension,D*W*H(mm)                         | 290*240*91                                    |               |
| Carton Dimension,D X W XH(mm)               | 340*295*145                                   |               |
| Net Weight(kgs)                             | 3                                             | 3.5           |
| Gross Weight(kgs)                           | 3.5                                           | 4             |
| ENVIRONMENT                                 |                                               |               |
| Humidity                                    | 5% to 95% Relative Humidity(Non ~ condensing) |               |
| Operating Temperature                       | -10°C ~ 50°C                                  |               |
| STANDARD                                    |                                               |               |
| Compliance Safety                           | CE                                            |               |