

# REVO-II Series

## Hybrid Energy Storage Inverter

### 3-5.5KVA



### Product Snapshot

Model: 3-5.5kW

Nominal Voltage: 220/230/240VAC

Frequency Range: 50Hz/60Hz



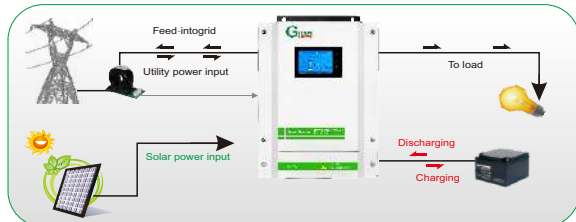
Touch Display Screen



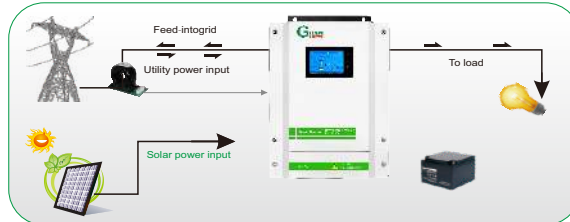
Dust Proof

### Hybrid Operation

#### With battery connected

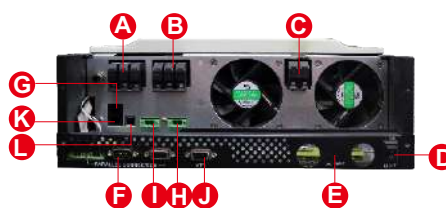


#### Without battery connected

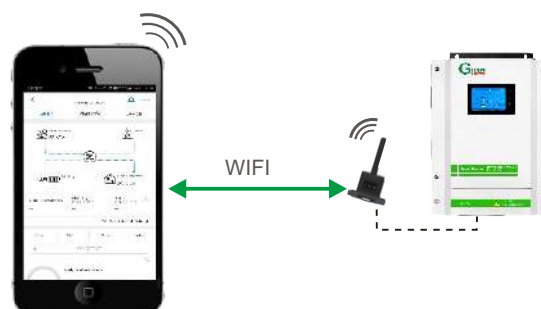


### Key Features:

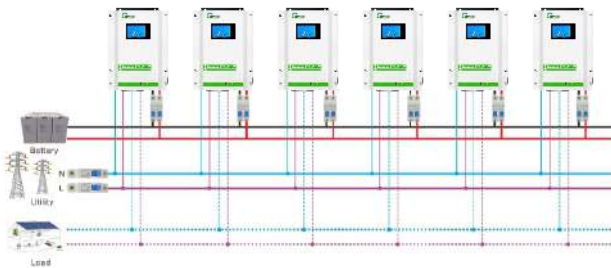
- Touch screen display.
- PV and utility power the load at the same time ( can be set ).
- Output power factor PF=1.0 .
- On&Off Grid with energy storage.
- Energy generated record, load record, history information and fault record.
- Structure with dust filter.
- AC charging start and stop time setting.
- External Wi-Fi device optional.
- Parallel operation up to 9 units .
- Connected with battery optional.
- Wide PV input range 120-450VDC.
- Independent CPU.
- MAX PV Array power 5500W.
- Solar and Utility supply power to the load When solar power is not sufficient to load.
- The CT sensor will monitor the power consumption of the system and will make sure no excess PV power is delivered to the Grid.



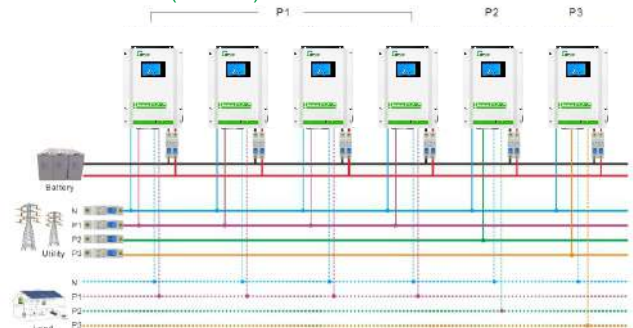
- A AC input
- B AC output
- C PV input
- D ON/OFF switch
- E DC input
- F Parallel connection terminal
- G CAN
- H Generator dry contactor
- I CT
- J Wifi
- K RS232
- L USB



■ Single phase output up to 49.5KW using 9 units



■ Three phase output using either 3 units(16.5KW)or max 9 units(49.5KW)



## REVO-II Series

### Wall Mounted Integrated Solar Power Inverter Technical Specification Built-in MPPT Solar Controller

| MODEL                             | REVO II 3k-24     | REVO II 3.2k-48                          | REVO II 5.5k-48   |
|-----------------------------------|-------------------|------------------------------------------|-------------------|
| Max PV Array Power                |                   | 5500W                                    |                   |
| Rated Output Power                | 3000W             | 3200W                                    | 5500W             |
| MPPT Range @ Operating Voltage    |                   | 120-450VDC                               |                   |
| <b>GRID-TIE OPERATION</b>         |                   |                                          |                   |
| GRID OUTPUT (AC)                  |                   |                                          |                   |
| Nominal Output Voltage            |                   | 220/230/240VAC                           |                   |
| Output Voltage Range              |                   | 184-265VAC                               |                   |
| Nominal Output Current            | 13.6A/13.0A/12.5A | 14.5A/13.9A/13.3A                        | 20.5A/19.6A/18.8A |
| Efficiency                        |                   | up to 93%                                |                   |
| <b>OFF-GRID, HYBRID OPERATION</b> |                   |                                          |                   |
| GRID INPUT                        |                   |                                          |                   |
| Acceptable Input Voltage Range    |                   | 120-280VAC or 170-280 VAC                |                   |
| Frequency Range                   |                   | 50Hz/60Hz (Auto sensing)                 |                   |
| BATTERY MODE OUTPUT (AC)          |                   |                                          |                   |
| Nominal Output Voltage            |                   | 220/230/240VAC                           |                   |
| Output Wave Form                  |                   | Pure sine wave                           |                   |
| BATTERY & CHARGER                 |                   |                                          |                   |
| Nominal DC Voltage                | 24VDC             | 48VDC                                    |                   |
| Maximum AC Charge Current         |                   | 60A                                      |                   |
| Maximum Charge Current(AC+PV)     |                   | 90A                                      |                   |
| <b>Emergency output power</b>     |                   |                                          |                   |
| Maximum output Power              | 3000W             | 3200W                                    | 5500W             |
| Surge Power                       | 6000W             | 6400W                                    | 11000W            |
| Automatic Transfer Time           |                   | <10ms                                    |                   |
| <b>GENERAL</b>                    |                   |                                          |                   |
| INTERFACE                         |                   |                                          |                   |
| Parallel Function                 |                   | Yes                                      |                   |
| Communication                     |                   | USB or RS232,WIFI, Generator dry-Contact |                   |
| ENVIRONMENT                       |                   |                                          |                   |
| Humidity                          |                   | 0~90% RH (No Condensing)                 |                   |
| Operating Temperature             |                   | 0 to 50 °C                               |                   |
| Net Weight(KG)                    | 11.75             |                                          | 11.9              |
| Gross Weight(KG)                  | 12.75             |                                          | 13.1              |
| Dimension (W x D x H)mm           |                   | 345x476x133.2                            |                   |

Note:Product specifications are subject to change without further notice.  
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