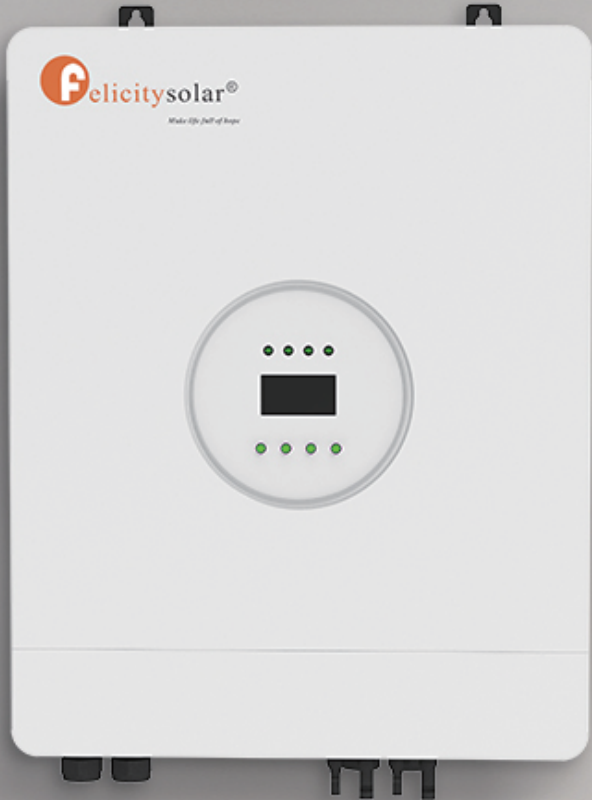


SOLAR INVERTER

IVEM8048 SERIES

Upgrade system, Stronger protection



PRODUCT ADVANTAGE

1. Pure sine wave inverter
2. Built-in MPPT solar charge controller
3. Configurable input voltage range for home appliances and personal computers via LCD setting
4. Configurable battery charging current based on applications via LCD setting
5. Configurable AC/Solar Charger priority via LCD setting
6. Compatible to mains voltage or generator power
7. Auto restart while AC is recovering
8. Overload / Over temperature/ short circuit protection
9. Inverter running without battery
10. Lithium battery activation function
11. Cold start function
12. Parallel connection quantity up to 12units  
(Battery must be connected)

SOLAR INVERTER

IVEM8048 (8KVA)

PRODUCT SHEET

PRODUCT PARAMETER

| MODEL                              | IVEM8048                         |
|------------------------------------|----------------------------------|
| Line Mode Specifications           |                                  |
| Rated Output Power                 | 8000VA                           |
| Rated Output Power                 | 8000W                            |
| Nominal DC Input Voltage           | 48V                              |
| Nominal Input Voltage              | 230Vac                           |
| Nominal Input Frequency            | 50Hz / 60Hz (Auto detection)     |
| Parallel capability                | 12 units                         |
| Efficiency (Line Mode)             | 93%                              |
| Max. Bypass Overload Current       | 53A                              |
| Max. Inverter/Rectifier Current    | 40A/8000W                        |
| Utility Charge Mode Specifications |                                  |
| Nominal Input Voltage              | 230Vac                           |
| Input Voltage Range                | 90-280Vac                        |
| Max. Charge Current                | 150A                             |
| Solar Charging & Grid Charging     |                                  |
| Max. PV Open Circuit Voltage       | 500V                             |
| PV Voltage Working Range           | 90V-500V                         |
| Max. Input Power                   | 8000W(5000W for single PV)       |
| Max. Solar Charging Current        | 150A                             |
| Max. Charging Current(PV+Grid)     | 150A                             |
| Max. Input Current                 | 40A                              |
| Min. Startup Voltage               | 100V                             |
| Inverter Mode Specifications       |                                  |
| Nominal Output Voltage             | 230Vac±5%                        |
| Nominal Output Frequency (Hz)      | 50±0.3Hz/60Hz±0.3Hz (Adjustable) |
| Parallel capability                | Yes,up to 12 units               |
| Peak Efficiency                    | 93%                              |
| General Specifications             |                                  |
| Operating Temperature              | 0C°~55C°                         |
| Range Storage Temperature          | -15C°~60C°                       |
| Net Weight(KG)                     | 23.7KG                           |
| Product Size(D*W*H)                | 620*464*141mm                    |
| Package Dimension(D*W*H)           | 712*582*259mm                    |

