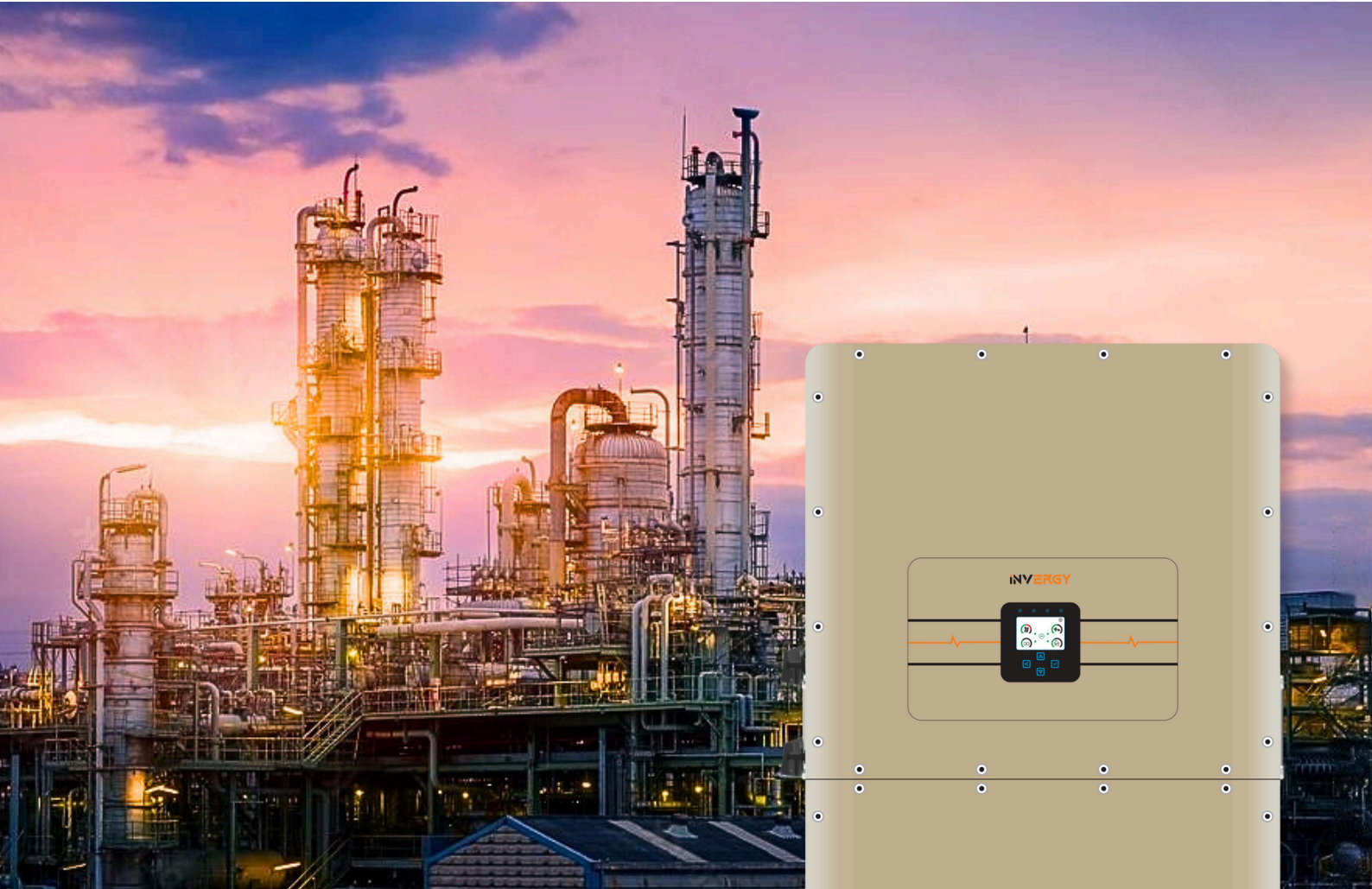
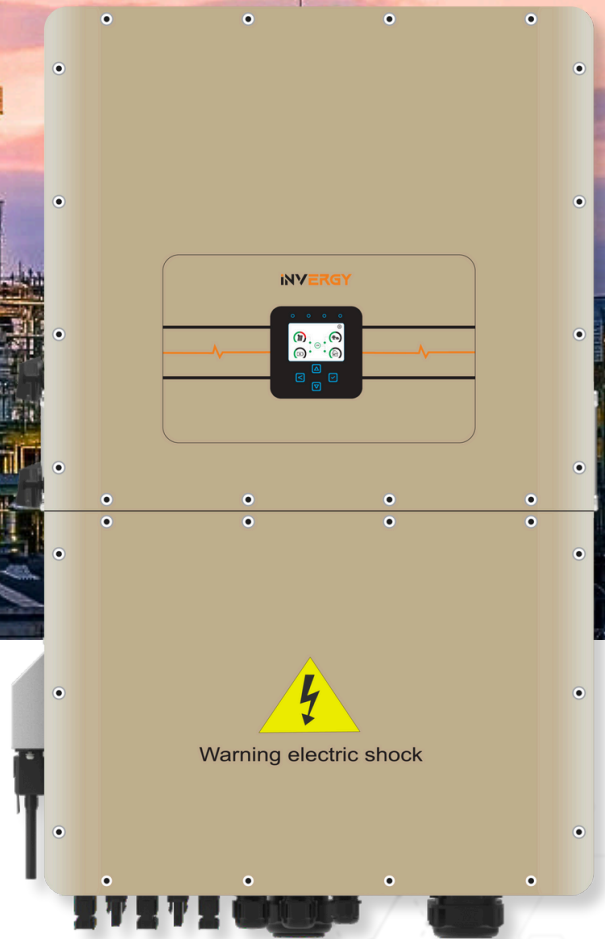


Three Phase Hybrid Inverter (HV)

INV(EU)-30kW/50kW



- 100 100% Unbalanced Output, Each Phase: Max. Output Up To 50% Rated Power
- 10 Max. 10 pcs Parallel For On-Grid & Off-Grid Operation; Support Multiple Batteries Parallely
- DC Couple and AC Couple to Retrofit Existing Solar System
- Auto DG Synchronisation
- High Voltage Battery, Higher Efficiency
- 800 Battery Voltage Range



| MODEL | INV(EU)-30K(HV) | INV(EU)-50K(HV) |
|--|---|-------------------------------|
| Battery type | Li-Ion | Li-Ion |
| Battery voltage Range | 160-800 | 160-800 |
| Max.charging Current | 50+50 | 50+50 |
| Max.discharging Current | 50+50 | 50+50 |
| Number of battery input | 2 | 2 |
| charging strategy for li-ion battery | self-adaption to bms | self-adaption to bms |
| Pv string input data | | |
| Max.DC input power | 39000 | 65000 |
| Max.DC input voltage | 1000 | 1000 |
| Start-up voltage | 180 | 180 |
| MPPT Range | 150-850 | 150-850 |
| Min DC input voltage | 150 | 150 |
| Rated DC input voltage | 600 | 600 |
| PV input current | 36+36+36 | 36+36+36+36 |
| Max. PV ISC A | 55+55+55 | 55+55+55+55 |
| Number of MPPT/ String Per MPPT | 3/2+ 2+2 | 4/2+2+2+2 |
| AC Output data | | |
| Rated AC output and UPS | 30000 | 50000 |
| Max. AC Output Power | 33000 | 55000 |
| AC Output Rated Current | 45.6 | 75.8 |
| Max. AC Current | 60 | 83.4 |
| Max. Continuous AC Passthrough | 150 | 200 |
| Peak Power | 1.5 times of rated power, 10S | 1.5 times of rated power, 10S |
| Generator Input/Smart load/AC couple current | 45.6/*150/45.6 | 75.8/*150/75.8 |
| Power Factor | 0.8 leading to 0.8 lagging | |
| Output Frequency and Voltage | 50/60Hz;3L/N/PE 220/380, 230/400Vac | |
| Grid Type | Three Phase | |
| DC Injection current | <0.5% In | |
| Efficiency | | |
| Max. Efficiency | 97.60% | |
| Euro Efficiency | 97.00% | |
| MPPT Efficiency | 99.90% | |
| Protection | | |
| Integrated | PV Input Lightening Protection, Anti-Islanding Production, PV String Input Reverse Polarity Protection,Insulation Resistor Detection , Residual Current Monitoring Unit, Output Over Current Protection, Surge Protection | |
| Certifications and Standards | | |
| Grid Regulation | EN50549, AS4777.2,VDE0126,IEC61727,VDEN4105,G99,NBT32004,CEIO-21,NRS097,NBR16149/16150,RD1699 | |
| Safety EMC/Standard | IEC62109-1/-2,EN61000-6-1,EN61000-6-2,EN61000-6-3,EN61000-6-4 | |
| General Data | | |
| Operating Temperature Range | -40°C~60°C,>45°C Derating | |
| Cooling | Smart cooling | |
| Noise | <45 dB | <65 dB |
| Communication with BMS | RS485;CAN | |
| Weight | 75 | 80 |
| Size | 560.5W*837H*319D | |
| Protection Degree | IP65 | |
| Installation Style | Wall-mounted | |
| Warranty | 5 years | |