



Low Frequency Inverter

The inverter of INVseries are high reliability DC/AC converters based on the PWM technology. As a result of their high efficiency, low distortion and advanced stability, They exceed by far the features of the most widely used conventional inverter

| MODEL | INV1002 | INV1003 | INV1004 | INV1005 |
|------------------------------|--|-------------------|-------------------|-------------------|
| Item | Specification | | | |
| Continuous output power | 2000 VA 1600 W | 3000 VA 2400 W | 4000 VA 3200 W | 5000 VA 4000 W |
| Maximum output power | 150% at 30 sec | | | |
| Main AC input | 230 VAC +/-10% (for bypass) | | | |
| DC Input voltage normal | 125 V (main source) | | | |
| DC Input voltage range | 105 – 150 V | | | |
| Output Voltage | 230 / VAC +/- 2% | | | |
| Frequency(Switch Selectable) | 50 Hz +/- 0.5% | | | |
| Efficiency | More than 80 % at full load | | | |
| Output waveform | Pure sine wave (%THD<3%) | | | |
| Indicator | <ul style="list-style-type: none"> • Load level • Inverter • DC Input • Fault • Battery level • Load on bypass • Main AC Bypass | | | |
| Protection | <ul style="list-style-type: none"> • Over load • Low DC input cut-off • Over – Under voltage • Over Temperature • Short circuit | | | |
| Alarm | Buzzer | | | |
| Dry contact for SCADA | Load on Bypass , DC Low , Fault | | | |
| Static Bypass | Automatic transfer < 5 ms Manual bypass (option) | | | |
| Operating Temperature Range | 0 – 40 ° C | | | |
| Relative Humidity | 0 – 95% | | | |
| Cooling | cooling fan | | | |
| Dimensions in mm.(H x W x D) | 560 x 240 x 630 | | 630 x 240 x 680 | |
| Weight (KG) | 50 | 60 | 75 | 85 |
| Warrantee | 1 Years | | | |

