**Reception Form of Solar Inverter; PIT /RST**

|  |  |
| --- | --- |
| Manufacturer’s Name |  |
| Manufacturer’s Address | Mailing: |
|  | Email: |
|  | Website: |
| Local Supplier (Name): |  |
| Local Supplier's Address | Mailing: |
|  | Email: |
|  | Tel: |
| Manufactured | Locally manufactured  Locally assembled with CKD and SKD parts imported  Imported, if imported then  With exclusive dealership and imported from ……………..  Without exclusive dealership and imported from ………….  Locally purchased from …………………  (Submit evidence for exclusive dealership and specify company name and address of delivery) |
| Brand / Model |  |
| Serial No. |  |
| Type of Inverter | Off- Grid  On- Grid |
| Nominal battery voltage of inverter/(in-built charge controller if available) | 12 V  24 V  48 V  Others |
| Input DC voltage range of inverter | From ……..V DC  To …….V DC |
| Output AC voltage of inverter | ……….V AC |
| Inverter Efficiency @ resistive full load | % |
| Output frequency of inverter | Hz |
| Total harmonic distortion (THD) | % |
| Self consumption of inverter | mA DC |
| Nominal power of inverter | W      VA |
| Power Factor of inverter |  |
| Build-in Charge Controller | Yes  No |
| Capacity of in-built Charge Controller if available | A      W |
| Mode of charge regulation of controller | PWM  MPPT |
| Maximum Solar Input Current | A |
| Power Saving / Sleep Mode of inverter | Yes  No |
| Built-in indicators of inverter | Battery state of charge  Charging  Other: ……………. |
| Solar input voltage range for MPPT Charge controller | From       V To       V |
| Battery deep discharge protection | Load disconnect (LVD) at:       V ±      % |
| High Voltage Disconnection of Built in Charge Controller | Charge disconnect (HVD) at       V ±      % |
| Protection against | Short circuit (output terminals)  Reverse polarity (DC input terminals)  Overload, over temperature  Other: ……………………… |
| Operating temperature | Minimum     °C Maximum:      °C |
| AC Charging | Yes  No |
| Application | Indoor only  Indoor and outdoor |
| Audible noise produced by inverter | dB at a distance of      meters |
| Warranty Years | Years |
| Additional description |  |
| International Standards fulfilled  (IEC, ISO, Others) |  |

Name: Company Stamp:

Designation:

Signature: Date: