**Reception Form PIT/RST (Manufacturer’s Information)**

* 1. **Reception Form of PV Module for Small Solar PV System**

|  |  |
| --- | --- |
| Manufacturer’s Name |  |
| Manufacturer’s Address |  |
|  | Email: |
|  | Website: |
| Local Supplier (Name) |  |
| Local Supplier’s Address |  |
|  |  |
|  |  |
| Manufactured | Locally  Locally assembled with CKD and SKD parts imported  Imported, if imported then  With exclusive dealership and imported from China  Without exclusive dealership and imported from  Locally purchased from |
| Brand / Model |  |
| Module Type | Crystalline  Mono  Poly |
| Size of Solar Panel | L= mm Width = mm, Height = mm |
| Nominal Power | Tolerance : % |
| Cell Efficiency (%) |  |
| Weight |  |
| Short Circuit Current (Isc) |  |
| Open Circuit Voltage (Voc) |  |
| Current at MPP |  |
| Voltage at MPP |  |
| Supply company engrave number |  |
| Frame | Yes Type: …………  No |
| Bypass Diode | Yes Type:  No |
| Connection | Junction box  Pre wired  Others: ………… |
| Performance guarantee | Yes Years: …………  No |
| Warranty Period | 10 years against maximum 20% reduction in output power at STC  No  Others: |
| Additional description | ………… |
| International Standards fulfilled  (IEC, ISO, Others) | Yes (Please specify)  IEC 61215  IEC 61646  No  Others: |

**1.2 Reception Form of Battery for Small Solar PV System**

|  |  |
| --- | --- |
| Manufacturer’s Name |  |
| Manufacturer’s Address |  |
|  | Email: |
|  | Website |
| Local Supplier (Name) |  |
| Local Supplier’s Address |  |
|  |  |
|  |  |
| Manufactured | Locally  Locally assembled with CKD and SKD parts imported  Imported, if imported then  With exclusive dealership and imported from China  Without exclusive dealership and imported from  Locally purchased from |
| Brand / Model |  |
| Battery type | NiMH  Li-Ion  VRLA  LiFeP04 |
| Nominal Voltage | V |
| Nominal capacity  (C20 or C10 or C5 @ 20°C or 25°C) | @  C20 or  C10 or  C5; Single Cell  Tolerance ± 0.05 Ah |
| Charging cut off voltage | 1.4 V per cell  14.9 V  15.0 V  Others: 3.65 V |
| Operating temperature range | Minimum: -10 °C  Maximum: 60 °C |
| Discharging cut off voltage | V per cell  10.5 V  10.8 V  Others: V |
| Specific gravity of electrolyte corresponding to 100% SOC | 1.240  1.250  1.265  1.277  1.280  Others: |
| Temperature coefficient of variation of capacity | 0.6 %/°C  0.8 %/°C  0.4 %/°C  Others: ………… %/°C |
| Self-discharge rate | % per month (30 days) @ 25°C |
| Battery connector resistance (for NiMH battery) | mΩ |
| International test certificates | Yes  No |
| Performance guarantee in cycles @ 20° or 25°C | % depth of discharge: cycles |
| International Standards fulfilled  (IEC, ISO, Others) | ISO-9001:2000  IEC  Others: ………… |
| Dual Chargeable |  |
| LVD and LVR |  |
| HVD and HVR |  |

**1.3 Reception Form of WLED Lamp for Small Solar PV System**

|  |  |
| --- | --- |
| WLED Lamp Manufacturer’s Name |  |
| WLED Lamp Manufacturer’s Address |  |
| Email: |
| Website: |
| Local Supplier : (Name) |  |
| Local Supplier’s Address | Mailing: |
| Email: |
| Tel: |
| Manufactured | Locally  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 |
| Brand / Model |  |
| Nominal Power of Lamp |  |
| Forward voltage and current of single WLED |  |
| Power consumption of single WLED | W |
| Viewing angle (2 θ1/2) | degrees Tolerance: ± 2% |
| Luminous intensity of single WLED |  |
| Luminous flux of single WLED or cluster | lumen |
| Lux at centre of circle of 2m diameter with lamp fixed at 2m and 30 cm heights from the illumination surface | lux @ 2m height  lux @ 30 cm height |
| CRI and CCT of single WLED | %, K |
| Reverse voltage of single WLED | V |
| Continuous burning hours | hours |
| Operating temperature | Minimum: °C  Maximum: °C |
| Application | Indoor only  Indoor and outdoor |
| Height of Lamp (for lamp used with Ni-MH battery) |  |
| Additional description |  |
| International Standards fulfilled  (IEC, ISO, Others) |  |