**Reception Form for Observation Test of Charge Controller**

|  |  |
| --- | --- |
| Manufacturer’s Name |       |
| Manufacturer’s Address | Mailing:       |
|  | Contact Person: |
|  | Email:       |
|  | Website:       |
| Local Supplier |       |
| 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       |
| Brand / Model |       |
| Serial numbers |       |
| Charge regulation type (for PWM type) | [ ]  Series [ ]  Shunt |
| Switching device | [ ]  Electromagnetic [ ]  Semiconductor |
| PCB in used | [ ]  Glass Epoxy [ ]  Metal PCB |
| Mobile phone charger (SMPS type) | [ ]  Inbuilt [ ]  Out Side  |
| Efficiency of Mobile phone charger |      % |
| Mode of operation | [ ]  PWM [ ]  MPPT [ ]  Other:  |
| Type of battery to be used | [ ]  Li-Ion [ ]  Lead-Acid [ ]  Ni- MH [ ]  Others |
| Maximum charging / load current |       A /       A |
| Efficiency of charge controller |      % |
| Self-consumption |       mA @ 12V/24V/36V/48V |
| Built-in indicators | [ ]  Battery status [ ]  Charging [ ]  Other:       |
| Battery low voltage disconnect range | LVD at:       V ±       %LVR at:       V ±       % |
| Battery overcharge disconnect range (for PWM type) | HVD at:       V ±       %HVR at:       V ±       % |
| Solar Input Voltage Range (for MPPT) | [ ]  From ………V [ ]  To ……… V |
| Maximum Power Rating (for MPPT type) |       W |
| Adjustment of set points | [ ]  Fixed [ ]  Adjustable |
| Overload protection on load side | [ ]  Yes [ ]  No |
| Component used for protecting overload on load side | [ ]  Circuit breaker [ ]  Glass fuse [ ]  Electronic fuse [ ]  Others:       |
| Protection against | [ ]  Reverse polarity on PV side [ ]  Reverse polarity on Battery side [ ]  Surge on PV side [ ]  Short circuit on Load [ ]  Reverse current on PV side (i.e. from Battery to panel) [ ]  Over current on load side [ ]  Other:        |
| Operating temperature | Minimum:       °C Maximum:       °C |
| Temperature compensation | [ ]  Yes (       mV per °C) [ ]  No |
| Application | [ ]  Indoor only [ ]  Indoor and outdoor |
| Additional description |       |
| International Standards fulfilled(IEC, ISO, Others) |       |

Name: Company Stamp:

Designation:

Signature: Date: