**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: