1. **BATTERY CHARGER TESTS:**
	1. **MECHANICAL CHECKS AND VISUAL INSPECTION**

|  |  |  |
| --- | --- | --- |
| Item | Description  | Remarks |
| 1 | Inspection for physical damage / defects |  |
| 2 | Check name plates information for correctness |  |
| 3 | Check tightness of all external wiring and cabling connections |  |
| 4 | Verify all panel mounted devices supplied and installed per app dwgs |  |
| 4.1 | Meters |  |
| 4.2 | Switches |  |
| 4.3 | Push buttons |  |
| 4.4 | Indicating lamps |  |

* 1. **ELECTRICAL TESTS:**
		1. Insulation resistance tests (500 V)

 Incoming power cables: in ohms

Outgoing power cables: in ohms

* + 1. Charging voltage adjustments:

|  |  |  |
| --- | --- | --- |
| Mode of charge | Setting | Range |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

* + 1. Voltage regulation & efficiency test:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| load % | Output | Output voltage | Input | Input | Efficiency |
| Current | Float | Boost | Voltage | Current | % |
| No load |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 50 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 100 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |