**Communication Protocol Welding Power Source to Mobile Application.**

**Command 1 :** Parameter Monitor

Request : @M:XSC:xxxAV:xxxAC:xxxHr:xxMin:xxSec:xxVR:XMB:XR:X#$BV:000BP:000BT:000ER:00&

Response : NA

Descriptions:

**M – M (MMA)**

**T (TIG)**

**VR- 1- VRD ON**

**0 -VRD OFF**

**MB- 1- Battery Operated**

**0 Mains**

**VRD ON /OFF: ?VX**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No** | **Command** | **Request** | **Response** | **Remark** |
| 1 | Login |  |  |  |
| 2 | Parameter Monitor | @SC:xxxAV:xxxAC:xxxHr:xxMin:xxSec:xx#$BP:000BT:000 | - | Power Source to Mobile APP |
| 3 | Set Current |  | Display set value on ps | Mobile APP to Power Source Range-10-400V |
| 4 | Actual voltage |  |  | Power Source to Mobile APP, Range- 0-68V |
| 5 | Actual Current |  |  | Power Source to Mobile APP Range-10-400A |
| 6 | Arc on Time |  |  | Power Source to Mobile APP |
| Hr |  |  |
| Min |  |  |
| Sec |  |  |
| 7 | Arc on reset switch |  |  | Mobile APP to Power Source |
| 8 | Arc Force |  |  | Mobile APP to Power Source |
| 9 | Set Hot Start |  |  | Mobile APP to Power Source |
| 10 | Mode selection |  |  | Mobile APP to Power Source |
| 11 | VRD switch |  |  | Mobile APP to Power Source |
| 12 | Battery switch |  |  | Mobile APP to Power Source |
| 13 | Battery percentage |  |  | Power Source to Mobile APP |
| 14 | Battery temperature |  |  | Power Source to Mobile APP |
| 15 | Battery Voltage |  |  | Power Source to Mobile APP |