



UNIVERSAL INSTRUMENTS MFG. CO. PVT. LTD, BANGALORE – 560 058 - INDIA

SALIENT FEATUES OF 24V SOLAR POWER CONTROLLER

- 2 Pole DC MCCB in PV path, Battery path & Load output.
- Battery over voltage cutoff to prevent overcharging.
- Battery under voltage cutoff by disconnecting load, to prevent deep discharge.
- Isolated 4-20 mA analog transducers suitable for driving upto 500 Ohm load, for PV current, Battery voltage & current and Load voltage & current.
- High efficiency DC/DC converter providing 24 V output and protected against overload & short circuit, to deliver precise voltage to load, irrespective of battery voltage & load current variation.
- Alarms for Battery voltage high & low, Load voltage high & low, Load disconnected & PV failure.
- Individual Analog meters to monitor PV current, Battery voltage & current and Load voltage & current.
- Temperature compensated Battery under voltage & over voltage set point.
- Potential/Volt free contact for various alarms.
- Provision to connect external battery charger of upto 300 A with 2 Pole DC MCCB.
- Fuseless design since installation location is unmanned.
- Cabinet confirms to IP55 degree of protection, type tested at recognized lab. And painted with epoxy paint for long life in corrosive environment.



For Requirements of DC Systems, Your one Stop Solution

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