



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

### SALIENT FEATUES OF 96V 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 Ohms load for PV current, Battery voltage & current and Load voltage & current.
- High efficiency DC/DC converter providing 24 or 48V output and protected against overload and short circuit, to deliver precise output to load, irrespective of battery voltage & load current variation.
- High efficiency switching converter to maintain Float voltage across battery while delivering battery trickle charging current.
- Individual Analog meters to monitor PV current, Battery voltage & current and Load voltage & current. Digital meters on request.
- 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.
- Cabinet confirms to IP55 degree of protection and painted with epoxy paint for long life even in corrosive environment.



**For Requirements of DC Systems, Your one Stop Solution**

### UNIVERSAL INSTRUMENTS MANUFACTURING COMPANY PRIVATE LIMITED

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