



MITRAMAX™ PV SOLAR PANEL FIELD CHARGER
FOR 48V TELCOM BATTERIES - Model MTBC220
(International Patent Pending)

MitraMax Solar PV Telecom Charger from APLAB is a fully integrated SPV PANEL to directly deliver 54.4V \pm 1% DC to float charge any 48V Telecom Exchange Battery with additional hardware.

Just Clip-on and Charge

MitraMax Panel CVCC Charger is a complete and composite power source delivering a clean regulated DC power to charge any 48V Telecom battery at any indoor or outdoor location.. They do not need any separate charge controller or reverse diode blocker etc. Each MitraMax Telecom Charger is rated at 220W delivering 4.0A charge current into a 48V battery without the fear of over charging the battery. Multiples of these chargers can be connected in parallel to get higher charge current.

MitraMax Telecom Charger Panel is IP68 compliant and is therefore ideal for in-field unattended Telecom installations even in the hinterlands. They are therefore ideally suited for rural telecom applications such as

- Rural Telephone exchanges
- GSM/CDMA tower base station
- Data Network & communication systems
- VOIP, WiFi, Routers
- WLL based small exchanges and phones

Features:

- **One fully integrated SPV Panel Module – Just Clip-on!**
- **Built-in intelligent MPPT for maximum extraction of solar power**
- **Any high power capability with N+1 Parallel operation.**
- **IP68 Package**
- **When operating in parallel output is unaffected by partial shadows**
- **Conforms to IEC 61215:2005, EN61215:2005& EN61000-6-1-2007**

TECHNICAL SPECIFICATIONS:

Construction	: Integrated into Photovoltaic Modules, IP68 enclosure for outdoor use
Size	: 1500mm x 1000mm x 45mm
Weight	: 18kGs
Output Voltage	: 54.4V DC \pm 1%