

Power Distribution Unit--- P486 (6ways output)



The REMECHIMARK Power Distribution Unit (PDU) is available for use with the Base Transceiver Stations, where space is limited, without compromising quality and reliability. It supplies power at a constant +12 V, and monitors alarm functions for up to six TMAs.

The REMECHIMARK PDU can be supplied with mounting brackets suitable for 19" rack mounting in a single 1U high 19" rack space. The REMECHIMARK PDU is designed for maximum reliability. It is simple to install requiring no routine maintenance and like all REMECHIMARK products.

Alarm Monitoring

The PDU monitors the current to each of the TMAs and compares this to expected levels for normal operation. Each output has a twice-colour LED to indicate normal (green), alarm (red) conditions. An LED is also provided indicating the status of the DC-DC converter. In addition open relay contacts provide summary alarms to the BTS.

Lightning Protection

The PDU is fitted with secondary lightning protection only (metal oxide varistors) as the primary protection is supplied by a REMECHIMARK Bias Tee unit or an external cable interface panel within the outdoor weather-proof enclosure.

FEATURES

- Powers up to six TMAs
- Local LED alarm indication
- Automatic recovery output protection

PACKAGING

- Flexible 19 inch rack mounting
- Compact and lightweight

BENEFITS / APPLICATIONS

- Minimal BTS mounting space requirement
- Centralized monitoring and alarm reporting
- Optimized for use with REMEC TMAs



Input Power

Supply Specification

Supply Voltage ± 48 Vdc (or ± 24 Vdc option)
Supply Variation +30% / -30%
Max Input Current 1 A

Output Power

Supply Specification

Number of Outputs 6
Output Voltage 12 ± 0.5 Vdc
Nominal Current / Output <125 mA

Environmental

Characteristics Specification

Temperature Range -30 to +50°C
Relative Humidity 5 to 95%
 EMC ETS 300 342-2

Indoor Unit Mechanical

Characteristics Specification

Dimensions H x W x D 44 x 200 x 180 mm
Weight <1 kg

Connectors Specification

Input Connector SLA 4/90 3.2 SN
Output Connectors 9 way 'D' type socket
Alarm Output 9 way 'D' type plug

PDU Accessories

19" Rack Mounting Brackets