



IPC48410 Series

Indoor Enclosures

IPC48410 series from IPC LTD is a fully-integrated DC power system consisting of a rectifier and controller that provides maximum efficiency for mobile communication applications. It is designed to meet the high-efficiency demands of mobile applications, with high reliability, high power density, and fully digital features.

Main Features

- Power System up 20kW
- High efficiency R48-4000e rectifier
- Hot replacement
- 95.5% efficiency
- External alarms

Applications

Base Stations
Network Applications
Telecommunication/data networks

Technical Specifications

1. Input

Input Mode	220/380Vac three phase
Input Voltage	85Vac-300Vac, rated: 220Vac
Frequency	45 to 65 Hz
Current	5x22A max @20kW
AC Input	63A MCB 3P
Power Factor	>0.99
THD (Total Harmonic Distortion)	<5% from 50 to 100% of rated load

2. Output

Voltage Range	-42 to -58V DC, default value:53.5V DC
Maximum Capacity	20kW maximum (5x4000W rectifier)
Load Fuse	16x16A, 8x63A MCB
Battery Fuse	2x100A MCB
External Alarm	4xRelay dry contacts output

3. General

Dimension	600mm (W) × 500mm (D) × 520mm (H)
Weight	<40kg
Efficiency	95,5%
Cable Mode	Top input/output
Maintenance	Front maintain, hot replacement
Temperature Range	-40 to 75°C,-40 to +167°F
Humidity	0 to 95%
Safety	IEC 60950, EN 60950
EMC	ETSI EN 300 386 class A

4. Control and Monitoring

Communication	RS232, RS485, Ethernet, USB
Protocol	IPv4, IPv6, HTTPS, SNMP V2/V3, EEM, SocTpe, Rsoc, Mod Bus
Storage Capacity	4000 history records, 60000 real time records
Display Mode	LCD screen/WEB
Model	M830B Netsure Control Unit (NCU)

International
Power
Conversion



IPC Mühendislik Elektrik Elektronik San. ve Tic. Ltd. Şti.
Yenisahra Mah. İnönü Cad. Kanarya Sok. No:20/1-2 34746 Ataşehir/İSTANBUL
Tel:+90 (0216) 317 41 42 Fax: +90(216)472 90 66