

# The power advantage ...

## Power system controller PSC 200



### Features

- Easy integration
- Supervision of system voltage and fuses
- Temperature compensated float charge
- User configurable settings
- Programmable DC output voltage
- Low voltage battery disconnect control
- Automatic self diagnostic

### Applications

- Shelf power systems

### Description

The power system controller PSC 200 is a simple but powerful microprocessor unit intended to supervise and control small shelf power systems. The product complies to all important requirements and standards of the telecommunication market. The superior features make this controller a prime choice for small telecom power systems.

The PSC 200 provides a full set of control and supervision functions. This means user configurable alarms and settings. The smart battery management with thermal compensated float charge control is one of the key factors for the availability of a power system. The controller allows alarming by means of potential-free relay contacts.

## PSC 200: Technical specifications

### General

System voltages	24 / 48 V <sub>dc</sub> (60 V <sub>dc</sub> as option)
Accuracy of system voltage measurement	1 %
User definable alarms and thresholds	yes
Power supply	18 ... 60 V <sub>dc</sub> / 30 mA (50 ... 75 V <sub>dc</sub> as option)
System reliability in case of controller failure	All rectifiers operate at their preset default values

### Connections

Rectifier modules	12 maximum
Alarm relays	1, with potential free contacts
Low battery disconnect.	1, with potential free changeover contact
Mains failure	External detection

### Battery control

Low battery disconnect	Yes
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### Mechanics

Width	90 mm
Height	118 mm
Depth	30 mm
Weight	0.3 kg

### Environment

Ambient temperature	- 10...+ 60 °C (operation) - 40...+ 70°C (storage)
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### Operation

Local alarms (LEDs)	Urgent alarm Non-urgent alarm Trip
Local indication (LED)	Service

Subject to change due to technical progress