



The MCS 600 / 1800 series ...

Smart CSU CU - 08 - D



Features

- 7-segment LED Display
- Temperature compensation voltage control
- Equalize charge timer
- User friendly operation interface
- RJ45 remote management web server function
- System Status; System Capacity
- Windows Setting, Easy Using
- Operation Web Server Type –Internet
- Operation RMS (Remote Monitoring System) -- Computer / Ethernet / Dial-up Modem

Applications

- MCS 600 series power shelf
- MCS 1800 series power shelf

Description

The MCS 600 and MCS 1800 power shelf controller is equipped with both a RS-232 direct connect/modem and RJ-45 Web Interfaces for local or remote monitoring and control. This functionality offers powerful system management tools over Internet/Intranet environments.



CU - 08 - D: Technical specifications

General

System voltages	20Vdc ~ 59.5Vdc
Accuracy of system voltage measurement	± 0.2 V
Accuracy of system current measurement	3 %
Power supply	19 ... 60 Vdc / 120 mA
System reliability in case of controller failure	All rectifiers operate at their preset default values

Connections

Load	1 DC load string
Battery	1 battery string
Rectifier modules	6, max.
Alarm relays	8
Low battery disconnect.	1

Battery control

Accuracy of battery voltage measurement	± 0.2 V
Temperature compensated float charging voltage	0 ... 162 mV / °C
Automatic boost charging	Option
Low battery disconnect	1
Periodic battery test	Option

Remote Monitoring and Control

RS232 Interface	By RMS Software
LAN Interface (RJ-45)	By Web Server (Optional)

User Interface

LED display	DC output voltage DC output current
LED indicators	Float charge Equalize charge High voltage alarm Low voltage alarm Major alarm Minor alarm High voltage shutdown AC fail
Push buttons	FL/EQU HVSD RST SMR RST V/A

Mechanics

Width	1.86" / 47mm
Height	5.3" / 132mm
Depth	9.5" / 242mm
Weight	4.4lb / 2kg

Environment

Ambient temperature	- 20 ... + 65 °C (operation) - 40 ... + 85°C (storage)
Relative humidity	95 % max, non condensing
Altitude above sea	- 500 ~ 10000 feet

*Specifications are subject to change due to technical progress