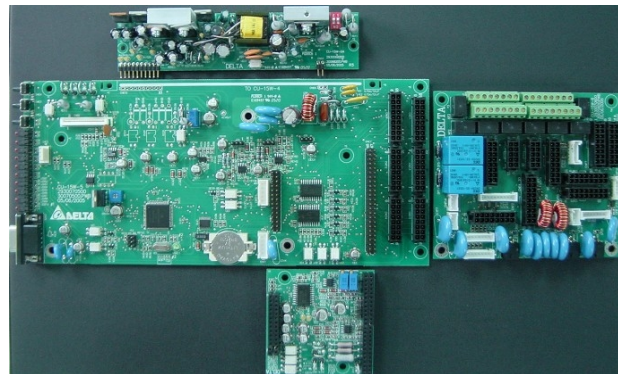


New Smart Controller

The Power behind.



Main features

- User friendly LCD interface
- Parameter entry via front panel
- Modular power system controller
- User configurable alarms and settings
- Enhanced battery management
- Energy saving functions
- Multi-language user interface
- Monitoring of auxiliary devices
- Advanced site remote monitoring & control
- Essential functions protected by password

Applications

- Small to medium power systems

Description

Delta New Smart Controller is intended to supervise and control Delta telecom power systems. The product complies with all important requirements and standards of the telecommunication market. The superior features make this controller a prime choice for your telecom power systems.

The New Smart Controller provides a full set of control and supervision functions. This means user configurable alarms and settings, which are well readable on the LCD display with plain text indication. The smart battery management with regularly accomplished capacity tests is one of the key factors for the availability of a power system. The New Smart Controller allows remote alarming by means of potential-free relay contacts or via modem or LAN / Ethernet. The SNMP offers enhanced remote alarming and is designed to work with SNMP managers. An integrated web server offers a user friendly interface for detailed monitoring and control with a standard web browser.

New Smart Controller

Technical Specifications

General	
Safety	EN 60 950, class I UL 60 950 CAN / CSA – C22.2
EMI, radiated	EN 55 022, class B
Cooling	Convection
Mounting direction	PCB type

Power supply	
Voltage range	18 ... 60 V _{DC}
Current	0.75 A _{DC} maximum
EMI, conducted	EN 55 022, class B
Input protection	Fuse, 1.35A
Input switch	None

Features	
Rectifier interface	RS 485
Number of rectifiers	Up to 32
Digital input	Up to 12
Relay output	Up to 8
Temperature	Up to 3
Display	128 x 64 pixel LCD display
Local monitoring	LAN / RS232 / Web browser
Remote monitoring	LAN / Modem / Web browser/ SNMP
Languages	English (3 Languages Optional)
Web server access	Optional
SNMP management	Optional

*Some function can be enhanced via extended boards. Please consult Delta representative for details.

Functions	
Float voltage control / Temperature compensation	
System monitoring (remote/local)	
Parameter setting	
User configurable alarm settings	
Boost / Equalize charge control	
Alarm relay definable	
Advanced battery capacity test	
40 (100) event logs	
Individual rectifier control	
Efficiency mode / Energy saving	
Build-in real time clock	
Password management	
Multi-language user interface	
Mains failure / ACV detection	
Battery current limit, enhanced	
LVLD and LVBD functions, up to 3	

Metric Unit (Celsius) and English Unit (Fahrenheit) exchange

User interface	
Status indication	LED «Maj» LED «Min» LED «EQU»
User interface (option)	LCD display Button x 4

Mechanics (User interface module)	
Height, overall	120 mm / 4.7 inch
Width, overall	175 mm / 6.9 inch
Depth, overall	30 mm / 1.2 inch
Weight	0.24 kg / 0.5 lb

Environment	
Operating temperature	-25 ... +65°C / -13 ... +149°F
Relative humidity	95 %, non condensing

Subject to change due to technical progress.