C-TER
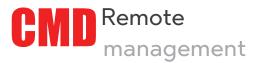
C-TER is designed to supply power to devices directly on terminals. It consists of a single rack unit that encloses the main control and interface system and output ports.

CPU
- Fast software and firmware update
- Internal storage of each parameter
- Dynamic web interface
- Critical event warning and logging
- Internet connection via integrated WiFi

Design
- SW / FW updates without service interruption
- Zero voltage drop from input to output and reduced self-consumption
- Input voltage detection and accurate measurement

Features
- 2 input terminal blocks
- Flexible integration of the management system
- The web interface shows the voltage, temperature and instantaneous value of the load.

4 Terminal ports

500 Watt per Port peak load

CMD Remote management

9dot Smart solutions for new energy systems

C-TER

Electrical Specifications

Operating voltage	+/- 21,4-57 VDC
Typical power	Up to 40A (10A per output terminal)
Power connector	2x 16 mm² cable terminals (input), 4x 3.3 mm² cable terminals (output)
Ethernet connectors	MGMT: 1x jack RJ45 shielded
GND connectors	4 mm lug
Transmission speed	MGMT: 10BaseT; 100BaseT
LED indicator	opt, status and alarm
Active protection	Reverse polarity protection (on input terminals) Against short circuit, over voltage, overload (on output terminals)

SPD Specifications

Spark Over Voltage	90V
Peak Surge Current	15 kA
Modes of Protection	All Lines (1-2) Protected (L-L) and (L-G)
SPD Technology	2 stages: TVS, GDT

Environmental Specifications

Operating temperature	-20°C to +45°C (pending)
Humidity	5% - 90% non-condensing

Mechanical Specifications

Dimensions (LxWxD)	125 x 443 x 45 mm (without brackets); 125 x 483 x 45 mm (with brackets)
Weight	2 kg
Material	Varnished Iron

Interface

Interface	• WiFi IEEE 802.11b/g/n • Web interface, ssh, SNMP, API • 10/100 BaseT RJ45, PoE Passive • OPT button
Status indicator	Front: Opt LED (green), Status LED (blue), Alarm LED (red), 4x Port Led (RGB)

Compliance & Warranty

Certifications	CE-FCC
Conformità RoHS	Yes
Warranty	consult with the nearest distributor