

Controller kit for Solar Extensions

The Controller kit is used to control and monitor the Solar Extension kits when connected to 3rd party (non-Eltek) 48Vdc power systems.

The Controller kit consists of Smartpack R and I/O Monitor Type2. Offers top and bottom mounting options in combinations with 2U or 3U Solar Extension kits.



Controller kit for Solar Extensions

Smartpack R Controller and I/O Monitor Type2

Doc PEDM0000860317_00

APPLICATIONS

TELECOM – MOBILE / WIRELESS

- Radio Base stations/ Cell Sites
- LTE / 4G / WiMAX
- Distributed Antenna Systems
- Microwave
- Broadband

TELECOM – FIXED

- Telephony servers / switches
- Fiber Optics / FTTx
- Microwave
- Cable
- Broadband

Smartpack R Controller



2U Solar Extension kit



3U Solar Extension kit



KEY FEATURES

- SMARTPACK R CONTROL UNIT
- I/O MONITOR TYPE2
- COMBINATION WITH 2U/3U SOLAR EXTENSION KITS
- TOP/BOTTOM MOUNTING OPTIONS WITH SOLAR EXTENSION KITS

Controller kit for Solar Extensions

Doc PEDMxxx – rev0

MODEL		CONTROLLER KIT FOR SOLAR EXTENSIONS
Part number		CTEA0001.1000
CONTROL AND MONITORING		
Control unit ¹⁾		Smartpack R
Mounting location		Panel mounted
Local operation		Alphanumeric LCD display (Chinese Traditional and Simplified supported) & 3 keys
Remote operation		Ethernet for remote/local monitoring and control via WEB Browser
Monitoring unit ²⁾		I/O Monitor Type2
Mounting location		Front or rear mounting option
Inputs		6x configurable inputs
Outputs		6x configurable relay outputs
SOLAR EXTENSION KITS ³⁾		
2U Solar Extension kit		CTZ00000.1358
		DC SPD (option) - up to 2 pcs Type 1+2
2U Solar Extension kit		CTZ00000.1446
		DC SPD (option) - up to 2 pcs Type 2
3U Solar Extension kit		CTZ00000.1255
		DC SPD (option) - up to 4 pcs Type 2
OTHER SPECIFICATIONS		
Operating temperature		-20 to +65 °C [-4 to +149 °F]
Storage temperature		-40 to +85 °C [-40 to +185 °F]
Dimensions (W x D x H)		489 x 393 x 44 (1U) mm [19 x 15.5 x 1.7 inch]
Weight		Approximately 4.2 kg [9.3 lbs]
DESIGN STANDARDS		
Electrical safety		EN IEC 62368-1 + A11
EMC		ETSI EN 300 386 v2.2.0
		EN IEC 61000-6-1
		EN IEC 61000-6-2
		EN IEC 61000-6-3
		EN IEC 61000-6-4
Environment		ETSI EN 300 019-2-1 v2.3.1 (Class 1.2)
		ETSI EN 300 019-2-2 v2.4.1 (Class 2.3)
		ETSI EN 300 019-2-3 v2.4.1 (Class 3.2)
		Normal operating conditions as per IEC 62040-5-3:2016 clause 4.2. Other operating conditions as per IEC 62040-5-3:2016 clause 4.3, must be advised
¹⁾ See Smartpack R datasheet for details ²⁾ See I/O Monitor Type2 datasheet for details ³⁾ See Solar Extension kit datasheet for details		