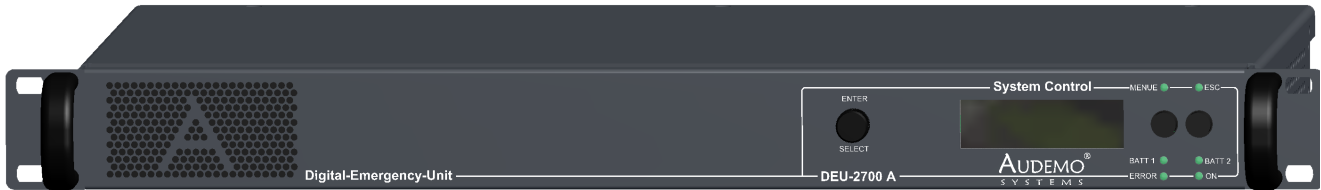




DEU-2700 A

Digital Emergency Unit



EN 54 | 4

APPLICATION

- Public Address and Voice Alarm

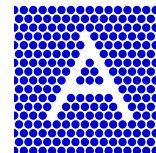
AREA OF USE

- Health • Education • Retail • Hospitality
- Stadiums • Transportation • Theme parks • Military

OVERVIEW

The PADS@2000 Digital Emergency Unit DEU-2700 A enables a standardized (according to EN 54-4), permanent emergency power supply for 24 V DC devices in the event of a power failure. The 19 inch device (1U) is equipped with up to two battery extension modules as well as up to two digital charging modules can be upgraded. The unit is equipped with the following modules:

1. Digital Charging Unit
2. Digital Battery Power Module
3. Battery Temperature Sensor
4. Digital Amplifier Switch-On Module
5. RF Shielding Module
6. Digital Network Interface Module



TECHNICAL DATA

Module slots	2
Power supply	220-240 V AC, 50 Hz
Power consumption	max. 655 W
Dimensions (W x H x D)	483 x 44 x 300 mm (1U)
Weight (when fully expanded)	6.4 KG
Protection class	IP30

Digital Charging Module

End-of-charge voltage	27.3 v typical at 20°C
Charging current	11 A
Battery capacity	max. 140 Ah
Power output	max. 300 W

Digital Battery Power Extension Module

Switching outputs	6
Output current per switching output	40 A max.
Total input current per battery set	76 A max.
Battery capacity per charging module	max. 140 Ah (2x70Ah)
Power output per charging module	max. 300 W

Battery Temperature Sensor

Sensor tip	-50 °c to +105 °c
Protection class	IP54

Digital Amplifier Switch-On Module

Output current per switching output	30 A
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Digital Network Interface Modules RS-485

Connection technology	2x RJ-45
Bus type	RS-485, galvanically isolated

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