# NRG+ CPS B72 28AH Central Power Supply System

Part No. CPS15007
Categories: Control Systems, NRG+ CPS

Central Power Supply System (CPS) for emergency lighting.

230V AC/DC outgoing circuits with integrated monitoring and maintained and non-maintained functions.

User-friendly 7" Touchscreen-Display, integrated Modbus interface.

Designed according to BS EN 50171, BS EN 62485-2, BS EN 62034.

## TECHNICAL SPECIFICATION

| | |
|---|---|
| Weight | 315 kg |
| Dimensions (D x W x H) | 600 × 800 × 1800 mm |
| System | NRG+ |
| Insulation class | I |
| Compliance | CE, UKCA |
| IP rating | IP20 |
| Mounting system | Floor standing |
| Nominal input voltage (V) | 1~N/PE 230 V 50 Hz / 3~N/PE 400 V 50 Hz |
| Nominal output voltage (V) | 230 VAC / 216 VDC ± 15 % |
| Outgoing circuits | 2 x 6 A 1380 W or 4 x 3 A 690 W (max. up to 18 output modules) |
| Natural, technical ventilation | 33.87 $cm^2$ – 1.21 $m^3/h$ |
| Autonomy and power according BS EN 50171 | 1 h max. 2885.76 W – 3 h max. 1152.58 W |
| Charging time (hours) | 12 |
| Colour | RAL 7035 |
| Material | Galvanised and painted metal sheet |
| Interface | TCP / IP – MODBUS – USB |
| Cable entry | Above |
| Operating temperature (°C) | 0 to +40 |
| Battery temperature (°C) | +20 to +25 |
| Battery | AGM-VRLA 18 x 28 Ah – 10 YEARS expected lifespan |

# PRODUCT ACCESSORIES

CLA15005
NRG+ ULM Addressable Module

CLA15000
NRG+ BNW-S Mains Monitoring Module

CLA15009
NRG+ BNW-5i-S Mains Monitoring Module

CLA15001
NRG+ IOe24 Light Switch Query Module

CLA15002
NRG+ IOe230-S Light Switch Query Module

CLA15003
NRG+ Remote Panel BMT-V2 RC

CLA15004
NRG+ Remote Panel BMT-V2 WL

S15000
NRG+ SUB S4

S15001
NRG+ SUB S8

S15002
NRG+ SUB S12

S15003
NRG+ SUB S16

S15004
NRG+ SUB B20

S15005
NRG+ SUB B24

S15006
NRG+ SUB B28

S15007
NRG+ SUB B32

S15008
NRG+ SUB B36

S15009
NRG+ SUB B40

S15010
NRG+ SUB B44

S15011
NRG+ SUB B48

CLA15006
NRG+ Battery Monitoring 18 Batteries

CLA15007
NRG+ Battery Monitoring 36 Batteries

CLA15008
NRG+ PC Visualisation Software