

# NRG+ CPS S28 20 AH Central Power Supply System

Part No. CPS15002

Categories: Control Systems, NRG+ CPS

NRG+



CE

UK  
CA

IP20



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	160 kg
Dimensions (D x W x H)	422 x 600 x 1100 mm
System	NRG+
Insulation class	I
Compliance	CE, UKCA
IP rating	IP20
Mounting system	Surface wall
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 7 output modules)
Natural, technical ventilation	3.02 cm <sup>2</sup> – 0.11 m <sup>3</sup> /h
Autonomy and power according BS EN 50171	1 h max. 2108.16 W – 3 h max. 834.62 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 20 Ah – 10 YEARS expected lifespan



## PRODUCT ACCESSORIES



CLA15006  
NRG+ Battery Monitoring  
18 Batteries



CLA15007  
NRG+ Battery Monitoring  
36 Batteries



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



CLA15000  
NRG+ BNW-S Mains  
Monitoring Module



CLA15002  
NRG+ IOe230-S Light  
Switch Query Module



CLA15001  
NRG+ IOe24 Light Switch  
Query Module



CLA15008  
NRG+ PC Visualisation  
Software



CLA15003  
NRG+ Remote Panel  
BMT-V2 RC



CLA15004  
NRG+ Remote Panel  
BMT-V2 WL



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



S15002  
NRG+ SUB S12



S15003  
NRG+ SUB S16



S15000  
NRG+ SUB S4



S15001  
NRG+ SUB S8



CLA15005  
NRG+ ULM Addressable  
Module