



CPSS *Emergency*

from 3 to 200 kVA

a centralized power supply for your emergency systems

Central Power
Supply Systems



MODULYS
3-6 kVA



MASTERYS
10-80 kVA



DELPHYS
80-200 kVA

The solution for

- > Airports
- > Railways and bus stations
- > Schools and universities
- > Hospitals
- > Shopping centers
- > Cinemas and theatres
- > Museums

Compliance with standards

- EM** EN 50171
- EL** EN 50171
NF C 71815
- EF** EN 54-4
NF S 61940

CPSS Emergency EM from 3 to 200 kVA

Ensure the power supply to emergency lighting, safety signalling lighting and anti-panic systems.

Designed and manufactured in compliance with standard **EN 50171**:

- metal enclosure compliant with EN 60598-1,
- batteries with 10-year life expectancy,
- minimum backup time: 60 minutes at the end of battery life,
- quick battery charging time: up to 80 % capacity within 12 hours,
- protection against battery polarity inversion,
- deep discharge battery protection,
- specific remote contacts and notifications.

CPSS Emergency EL from 3 to 200 kVA

Ensure the power supply to emergency lighting, safety signalling lighting and anti-panic systems.

Designed and manufactured in compliance with standards **EN 50171** (refer to CPSS Emergency EM specifications) and **NF C 71815**:

- connection to downstream IT systems,
- galvanic isolation transformer,
- permanent isolation controller.

CPSS Emergency EF from 10 to 200 kVA

Supply of smoke control systems, emergency detection and warning units, smoke extraction equipments, carbon monoxide detection system, automatic fire sprinkler systems and fire safety systems.

Designed and manufactured in compliance with standards **EN 54-4** and **NF S 61940**:

- IP 30 metal enclosure compliant with EN 60598-1,
- connection to downstream IT systems,
- galvanic isolation transformer,
- permanent isolation controller,
- batteries with 10-year life expectancy,
- minimum backup time: 90 minutes after the commissioning, 60 minutes after 4 years,
- quick battery charging time: up to 80 % capacity within 12 hours,
- protection against battery polarity inversion,
- deep discharge battery protection,
- specific remote contacts and notifications.

Technical data

	MODULYS			MASTERYS						
Sn [kVA]	3	4.5	6	10	15	20	30	40	60	80
Pn [kW]	2.1	3.2	4.2	9	13.5	18	27	36	48	64
Pn according to EN 50171 [kW]	1.8	2.6	3.5	7.5	11.3	15	22.5	30	40	53.5
Input/output 1/1	•	•	•	-	-	-	-	-	-	-
Input/output 3/1	-	-	-	•	•	•	-	-	-	-
Input/output 3/3	-	-	-	•	•	•	•	•	•	•
INPUT										
Rated voltage	230 V (1ph + N)			400 V (3ph + N)						
Voltage tolerance				± 20%						
Rated frequency				50-60 Hz						
Frequency tolerance				± 10%						
Power factor / THDI	> 0.98 / < 5%			> 0.99 / < 6%						
OUTPUT										
Rated voltage	230 V (1ph + N)			230 V (1ph + N) - 400 V (3ph + N)						
Voltage tolerance	± 3%			± 1%						
Rated frequency				50-60 Hz						
Frequency tolerance				± 0.1%						
Overload	110% for 5 minutes, 130% for 5 sec			125% for 10 minutes, 150% for 1 minute						
Crest factor				3:1						
UPS CABINET										
Dimensions W x D x H	444 x 795 x 1000 mm			444 x 795 x 1400 mm						
Weight	240 kg	330 kg	340 kg	190 kg	195 kg	240 kg	315 kg	415 kg	200 kg	210 kg
Degree of protection (EM-EL models)				IP20						
Degree of protection (EF models)				IP30						
Acoustic level at 1 m (ISO 3746)	< 52 dBA			< 62 dBA						
STANDARDS (EM-EL MODELS)										
Central Power Supply System (EM-EL models)				EN 50171, NF C 71815						
Central Power Supply System (EF models)				EN 54-4, NF S 61940						
Safety				EN 62040-1, EN 60950-1						
EMC				EN 62040-2						
Performance				EN 62040-3 (VFI-SS-111)						
Product declaration				CE						

Technical data

	DELPHYS						
Sn [kVA]	80	100	120	160	200		> 200 kVA
Pn [kW]	64	80	96	128	160		
Pn according to EN 50171 [kW]	53.5	67	80	107	134		
Input/output 3/3	•	•	•	•	•		
INPUT							
Rated voltage	380/400/415 V ⁽¹⁾						
Voltage tolerance	± 15%						
Rated frequency	50-60 Hz						
Frequency tolerance	± 5 Hz						
Power factor / THDI	0.99 / < 3% (EM), 0.77 / > 32% (EL/EF)						
OUTPUT							
Rated voltage	380/400/415 V ⁽¹⁾						
Voltage tolerance	± 1%						
Rated frequency	50-60 Hz						
Frequency tolerance	± 0.1%						
Overload	125% for 10 minutes, 150% for 1 minute						Contact us
Crest factor	3:1						
UPS CABINET							
Dimensions W x D x H	1000 x 850 x 1930 mm (EM), 800 x 850 x 1930 mm (EL/EF)						
Weight	690 kg (EL/EF)	860 kg	1020 kg (EM), 940 kg (EL/EF)				
Degree of protection	IP20 (EL/EM), IP30 (EF)						
Acoustic level at 1 m (ISO 3746)	< 67 dBA						
STANDARDS⁽²⁾							
Central Power Supply System (EL models)	EN 50171, NF C 71815						
Central Power Supply System (EF models)	EN 54-4, NF S 61940						
Safety	EN 62040-1, EN 60950-1						
EMC	EN 62040-2						
Performance	EN 62040-3 (VFI-SS-111)						
Product declaration	CE						

(1) Others on demand. (2) Please check the product availability for your country.