

# CPSS 9

POWER RANGE  
**10-20kVA**



EMERGENCY

**EN50171**  
Compliant

## DETAILS:

- Constant overload at 120%;
- Batteries 10-12 years expected life;
- Charging time less than 12 hours;
- Structure compliant with EN 62040.

## CENTRAL POWER SUPPLY SYSTEM CPSS9

AEC's **CPSS9** (10-20kVA) Central Power Supply for emergency systems ensures stable and reliable power supply for the critical load. The CPSS 9 is available in **10-15-20kVA models** with **three-phase/single-phase input** and three-phase/single-phase output.

The CPSS 9 is both **Rack and Tower** for greater versatility in installation, making it the most compact and versatile range of CPSS (and not only) today. Parallelable up to 4 units, CPSS9 is able to support up to 80kVA of single-phase or three-phase load, covering a wide range of needs in various sectors.

**CPSS EN 50171**

**CPSS EN 50171**

**1:1**

PHASE

**3:1**

PHASE

**3:3**

PHASE

## TECHNICAL SPECIFICATIONS

MODELS	CPSS9100	CPSS9150	CPSS9200
<b>INPUT</b>			
VOLTAGE (VAC)	80-280 (L-N) or 138-485 (L-L)		
FREQUENCY (HZ)	40-70		
POWER FACTOR	≥0.99		
THDI	<3%		
<b>OUTPUT</b>			
CAPACITY (KVA)	10	15	20
MAX. AC/AC EFFICIENCY	96,00%		
POWER FACTOR	0.8		
VOLTAGE (VAC)	220/230/240±1% (L-N) or 380/400/415±1% (L-L)(settable)		
FREQUENCY (HZ)	50/60±0.1		
THDV	THD <2% (linear load), THD < 4% (nonlinear load)		
TRANSFER TIME (MS)	0		
ECO MODE	Yes		
OVERLOAD	Constant at 120%		
<b>BATTERIES</b>			
VOLTAGE (VDC)	±192 (±144~±240 adjustable)		
CHARGING CURRENT (A)	4 (1-10 settable)		
BATTERY LIFE	10 - 12 years		
<b>OTHERS</b>			
CHARGING TIME	< 12 hours		
COMPLIANCE	Structure compliant with the CEI EN 62040		
NOISE (DB)	< 55		
TEMPERATURE (°C)	-5~40		
RELATIVE HUMIDITY	0 ~ 95%		
DIMENSIONS (W×D×H) MM	UPS	438×500×130(3U)	
	Distribution Box	438×500×130(3U)	

SPECIFICATIONS OR DESIGNS CAN BE CHANGED AT ANYTIME WITHOUT NOTICE AND CANNOT BE USED TO FORM ANY CONTRACTUAL OBLIGATIONS.