

# PSU\_24V\_1\_8As

Long-lasting, highly available energy buffers

Maintenance-free capacitor-based energy storage suitable as long-life energy buffer for e.g. trip coils of circuit breakers.

## Maintenance-free

The buffering of the energy is done with a maintenance-free capacitor

## Robust and safe

Compared to rechargeable batteries, capacitors have a long service life and are insensitive to low temperatures.

## Short-time buffer

For seconds buffering. Application: buffering of power analyzers, Protection Relays and fault indicators During short interruptions, safety-relevant devices must be buffered. In the case of automatic changeover systems, a short-time interruption occurs during a changeover, which can be bridged with the PSUs.

## Variants

Item number	Description
2500044	PSU 24V_1,8As Maintenance free capacitor buffer   24 V output
2500720	PSU-24V_240As Maintenance free capacitor buffer   24 V output   for motor drives
2500722	PSU 110V 0.1As Maintenance-free capacitor buffer   110 ... 230 V output

## Technical Data

### Device data

Article number	2500044
Product designation	PSU 24V_1,8As Maintenance free capacitor buffer   24 V output

### Housing

Installation type	Wall mounting
Housing material	Plastic

### Operating conditions

Operating temperature	-25°C ... 55°C
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## Operating conditions

Storage temperature	-30°C ... 70°C
Protection class	IP54

## Power supply

Auxiliary power supply	100 .. 240 AC/DC
Capacitor buffer	✓
Capacitor data	1,8 As
Buffer time of capacitor buffer	dt = 33,6 J/P
Technical data output 1	19 .. 26 VDC
Technical data output 2	24 VDC



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