

# COMPACT

## BUFFER MODULE

# EMPARRO CAP

## EXTREMELY COST-EFFECTIVE

Emparro Cap is the buffer module for maximum system availability. It ensures a stable power supply system and guarantees safe industrial processes. Voltage drops coming from the mains supply are bridged, time-consuming and cost-intensive interruptions are avoided. This makes Emparro Cap an essential component of a well-run power supply.



### ATTRACTIVE ATTRIBUTES

- Lifetime maintenance-free by using ultra capacitors
- Buffer time > 1 second at 20 A full load
- Metal housing with protective EMC characteristics
- Slim design
- Wide temperature range of -40 °C...+60 °C
- Data Matrix code on front for direct access to the data sheets

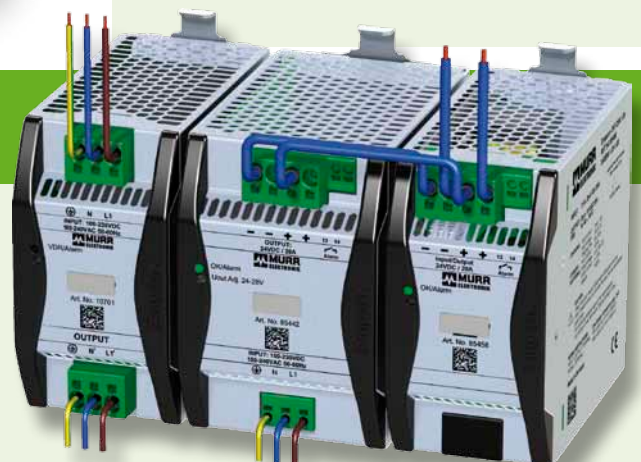


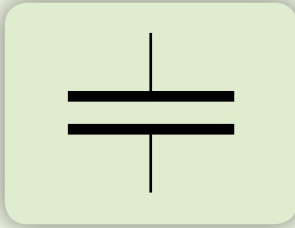
### EMPARRO'S SELLING FEATURES...

- Push-in terminals
- Alarm contact
- LED indicates supply voltage
- Optimum labeling options
- Easy parallel connection to increase the buffer time

## THE EMPARRO SYSTEM

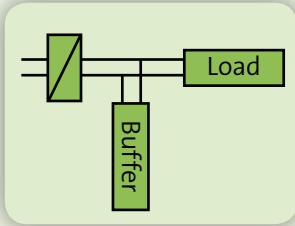
The technology within the filters, power supplies and buffer module that make up the Emparro series is compatible so they are all developed to work together. The line has been uniformly designed embracing similar operating features and branding.





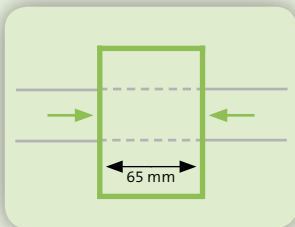
### Large Capacitor Storage

The large capacitor storage of over 1,000 joules makes it possible to shutdown servo drives until the brake is safely applied



### Reduces Wiring Efforts

Emparro Cap 20/24 can be connected in parallel to the power supply unit. This reduces the wiring and planning efforts



### Extremely Space Saving

With its width of only 65 millimeters, Emparro Cap 20/24 does not require much space on the DIN rail

#### Buffer module

– Life long  
maintenance-free

#### Emparro Cap 20/24



Ordering data		Art. No.
24 V		85458
<b>Input</b>		
Input voltage	21.6...26.4 VDC	
Nominal current	20 A	
Charging time	typ. 80 sec	
<b>Output</b>		
Output voltage	25.5...19 VDC	
Nominal current	20 A	
Buffer time	> 1.0 sec (20 A)	
<b>Other</b>		
Standards	EN 61000-6-2, EN 61000-6-4	
Dimensions	125 x 65 x 13 mm	
Temperature range	-40...+60 °C	
Mounting method	DIN-rail mounting TH35-7.5/TH 35-15 ( EN 60715 )	
Other	alarm contact for supply voltage	
Approvals	UL pending	