



EP series

1-phase switching power supplies

Product description

The EP series from Wöhrle offers numerous compact, durable switched-mode power supplies for DIN rail applications. Due to their modern circuit design, they can also meet the highest standards. Along with the compact design, the units were also developed for a broad range of operating temperatures from -25 °C to +70 °C. With their broad range of AC and DC input voltages, the switched-mode power supplies can be used for numerous applications. A powerful, long-lasting power boost as well as a relay contact are integrated into models from a rated power of 120 W.

PRODUCT HIGHLIGHTS

- ▶ Slim-line design
- ▶ Wide-range input
- ▶ Units from 120 W with powerful, long-lasting power boost
- ▶ High-quality connection terminals
- ▶ UL approval

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Technical data

Product series	EP series								
Product identifier	EP2401	EP2402	EP2404	EP2405	EP2410	EP2420			
Input voltage AC	85-264 V								
Input voltage DC	120-375 V			100-375 V					
Output voltage DC	24 V								
Range of adjustable output voltage DC	21.6-26.4 V	24-28 V							
Rated power	1.25 A / 30 W	2.1 A / 50 W	4 A / 100 W	5 A / 120 W	10 A / 240 W	20 A / 480 W			
Power boost	–	–	–	150 % / 5 sec.					
Advanced power boost	–	–	–	200 %/50 ms	200 %/50 ms	200 %/50 ms			
Efficiency	88 %	89 %		91 %	94 %				
DC-OK/relay contact	–	✓	✓	✓	✓	✓			
Housing	plastic		aluminium						
Design	Slim-Line								
Dimensions (in mm)	21	30	40	40	60	82			
W	75	75	75	124	124	124			
H	89.5	89.5	100	117	117	117			
Weight (kg)	0.1 kg	0.18 kg	0.326 kg	0.58 kg	0.84 kg	1.2 kg			