

Stabilized single-phase switching power supplies for DIN-rail mounting (adjustable) – 12 V – 24 V – Chapter 8.4

Available in stock
Warranty 3 years

**DR-SPS
75W12V**



**DR-SPS
120W12V**



**DR-SPS
75W24V**



**DR-SPS
120W24V**



**DR-SPS
240W24V**



**DR-SPS
480W24V**



Type	DR-SPS 75W12V	DR-SPS 120W12V	DR-SPS 75W24V	DR-SPS 120W24V	DR-SPS 240W24V	DR-SPS 480W24V
Code	4766	4768	4767	4769	4770	4771
Power (W)	75	120	75	120	240	480
V _{AC} Input (V _{AC})	85-264 V _{AC}	88-132/176-264	85-264 V _{AC}	88-132/176-264	85-264 V _{AC}	180-264 V _{AC}
V _{DC} Input (V _{DC})	120-370 V _{DC}	254-370 V _{DC}	120-370 V _{DC}	254-370 V _{DC}	120-370 V _{DC}	250-370 V _{DC}
V _{DC} Out (V _{DC})	12 V _{DC}	12 V _{DC}	24 V _{DC}	24 V _{DC}	24 V _{DC}	24 V _{DC}
V _{DC} Out: Adjustable	12-14V	12-14V	24-28V	24-28V	24-28V	24-28V
I _{DC} Nominal current Out (A)	6,3 A	10,0 A	3,2 A	5,0 A	10,0 A	20,0 A
Input Current	2 A/115 V 1,2 A/230 V	2,8 A/115 V 1,7 A/230 V	2 A/115 V 1,2 A/230 V	2,8 A/115 V 1,7 A/230 V	3,5 A/115 V 1,8 A/230 V	6 A/230 V
Inrush current	30 A/115 V 60 A/230 V	30 A/115 V 60 A/230 V	30 A/115 V 60 A/230 V	30 A/115 V 60 A/230 V	30 A/115 V 50 A/230 V	50 A/230 V
Ripple (mV)	100mVp-p	80mVp-p	150mVp-p	80mVp-p	80mVp-p	120mVp-p
Efficiency (%)	76%	80%	80%	84%	84%	89%
Protection – Overload (1)	105-150%	105-150%	105-150%	105-150%	105-150%	105-150%
Protection – Overvoltage	125-135%	125-135%	125-135%	125-135%	125-135%	125-135%
DC OK	Led	Led	Led	Led	Led	Led
Operating temperature range (°C)	-10 +60 °C	-10 +60 °C	-10 +60 °C	-10 +60 °C	-10 +70 °C	-10 +70 °C
t _a ambient temperature (°C)	45 °C	45 °C	50 °C	45 °C	55 °C	50 °C
Dimensions (w x h x d) (mm)	56 x 125 x 100	66 x 125 x 100	56 x 125 x 100	66 x 125 x 100	126 x 126 x 100	227 x 125 x 100
Weight (kg)	0,55 kg	0,65 kg	0,55 kg	0,65 kg	1,1 kg	2,1 kg

(1) Overload: constant current limiting - reset: Autorecovery /
Overtemperature: Power Shut Down - reset: Autorecovery

Classic



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	DR-SPS-M 60W12V	DR-SPS-M 60W24V	DR-SPS-N 40W12V	DR-SPS-N 40W24V	DR-SPS-N 100W12V	DR-SPS-N 100W24V	DR-SPS-B 120W24V	DR-SPS-B 240W24V	
Type									
	DR-SPS-M 60W12V	DR-SPS-M 60W24V	DR-SPS-N 40W12V	DR-SPS-N 40W24V	DR-SPS-N 100W12V	DR-SPS-N 100W24V	DR-SPS-B 120W24V	DR-SPS-B 240W24V	
Code	9892	9893	9857	9858	9855	9856	9859	9860	
Power (W)	60	60	40	40	100	100	120	240	
V _{AC} Input (V _{AC})	88-264 V _{AC}	88-264 V _{AC}	85-264 V _{AC}	85-264 V _{AC}	85-264 V _{AC}	85-264 V _{AC}	180-550 V _{AC}	180-550 V _{AC}	
V _{DC} Input (V _{DC})	124-370 V _{DC}	124-370 V _{DC}	120-370 V _{DC}	120-370 V _{DC}	120-370 V _{DC}	120-370 V _{DC}	254-780 V _{DC}	254-780 V _{DC}	
V _{DC} Out (V _{DC})	12 V _{DC}	24 V _{DC}	12 V _{DC}	24 V _{DC}	12 V _{DC}	24 V _{DC}	24 V _{DC}	24 V _{DC}	
V _{DC} Uit: instelbaar	11-13V	22-26V	12-14V	24-28V	12-14V	24-28V	24-28V	24-28V	
I _{DC} Nominal current Out (A)	4,5 A	2,5 A	3,3 A	1,7 A	7,5 A	4,0 A	5,0 A	10,0 A	
Input Current	1,2 A/115 V 0,8 A/230 V	1,2 A/115 V 0,8 A/230 V	1,1 A/115 V 0,7 A/230 V	1,1 A/115 V 0,7 A/230 V	1,3 A/115 V 0,8 A/230 V	1,3 A/115 V 0,8 A/230 V	0,55 A/400 V 1,2 A/230 V	1,0 A/400 V 2,0 A/230 V	
Inrush current	18 A/115 V 30 A/230 V	18 A/115 V 30 A/230 V	30 A/115 V 60 A/230 V	30 A/115 V 60 A/230 V	30 A/115 V 60 A/230 V	30 A/115 V 60 A/230 V	50A	50A	
Ripple (mV)	120mVp-p	150mVp-p	120mVp-p	150mVp-p	120mVp-p	150mVp-p	120mVp-p	150mVp-p	
Efficiency (%)	82%	84%	86%	88%	85%	86%	91%	90%	
Protection – Overload (1)	105-160%	105-160%	105-150%	105-150%	105-150%	105-150%	105-130%	105-130%	
Protection – Overvoltage	115-135%	115-135%	125-150%	125-150%	125-150%	125-150%	130-150%	130-150%	
DC OK	Led	Led	Relay Contact	Relay Contact	Relay Contact	Relay Contact	Relay Contact	Relay Contact	
Operating temperature range (°C)	-20 +60 °C	-20 +60 °C	-20 +70 °C	-20 +70 °C	-20 +60 °C	-20 +60 °C	-25 +70 °C	-30 +70 °C	
t _a ambient temperature (°C)	45 °C	45 °C	60 °C	60 °C	40 °C	40 °C	60 °C	50 °C	
Dimensions (w x h x d) (mm)	78 x 93 x 56	78 x 93 x 56	40 x 90 x 100	40 x 90 x 100	55 x 90 x 100	55 x 90 x 100	40 x 126 x 114	63 x 126 x 114	
Weight (kg)	0,32 kg	0,32 kg	0,32 kg	0,32 kg	0,45 kg	0,45 kg	0,70 kg	1,12 kg	
	Modular		Narrow					Broad	

(1) Overload: constant current limiting - reset: Autorecovery /
Overtemperature: Power Shut Down - reset: Autorecovery