

DC/DC DIN/WALL

DC/DC Converters for Industrial and Telecom applications



Nominal input 24VDC ... 220VDC
 Input / output galvanically isolated
 DIN/Wall mounting, screw connectors
 High efficiency 82...90 %
 Parallel and series connectable
 EMC EN55022 A or B
 Safety EN60950 or EN 60 335-2-29

ASK FOR DETAILED SPECIFICATIONS

Powernet's DC/DC DIN/Wall converters are designed to convert the 24 ... 220VDC battery voltage to the needed DC voltage level. Input and output are galvanically isolated and both input and output are floating, which means that units can be both negative and positive grounded. The parallel connection of the converters increases the power up to several kW. This all is in compact DIN/Wall mountable and screw connectable configuration easy to install.

Type	Input Voltage	Output Voltage	Output Current	Power	Dimensions, mm (Width x Height x Depth)	Weight
DDC7480/24/48	21...32VDC	0-48 VDC	20 A	1000W	Wall/ 475x253x83 mm	7.1 kg
DDC7480/24/110	21...32VDC	0-110 VDC	9 A	1000W	Wall/ 475x253x83 mm	7.1 kg
DDC4370/48/12H	40...87VDC	0-18 VDC	30 A	400 W	DIN/Wall / 220 x 112 x 73	1.5 kg
DDC4370/48/24H	40...87VDC	0-36 VDC	15 A	400 W	DIN/Wall / 220 x 112 x 73	1.5 kg
DDC4370/48/36H	40...87VDC	0-54 VDC	10 A	400 W	DIN/Wall / 220 x 112 x 73	1.5 kg
DDC4370/48/48H	40...87VDC	0-72 VDC	7.5 A	400 W	DIN/Wall / 220 x 112 x 73	1.5 kg
DDC4370/48/72H	40...87VDC	0-108 VDC	5 A	400 W	DIN/Wall / 220 x 112 x 73	1.5 kg
Optional	40...87VDC	0-144 VDC	3 A	400 W	DIN/Wall / 220 x 112 x 73	1.5 kg
ADC56xy	85...200 VDC	12 VDC	5 A	60 W	DIN/Wall / 50 x 120 x 80	0.4 kg
ADC57xy	85...200 VDC	24 VDC	2.5 A	60 W	DIN/Wall / 50 x 120 x 80	0.4 kg
ADC58xy	85...200 VDC	48 VDC	1.25 A	60 W	DIN/Wall / 50 x 120 x 80	0.4 kg
DDC8280	77...140VDC	24 VDC	115 A	2750W	Wall/ 475x253x83 mm	7.1 kg
DDC4960	85...150 VDC	24 VDC	5 A	125 W	DIN/Wall / 66 x 148 x 113	0.8 kg
ADC4370/12	78...340 VDC *)	0-18 VDC	50 A	600 W	DIN/Wall / 220 x 112 x 73	1.5 kg
ADC4370/24	78...340 VDC *)	0-36 VDC	30 A	600 W	DIN/Wall / 220 x 112 x 73	1.5 kg
ADC4370/36	78...340 VDC *)	0-54 VDC	20 A	600 W	DIN/Wall / 220 x 112 x 73	1.5 kg
ADC4370/48	78...340 VDC *)	0-72 VDC	15 A	600 W	DIN/Wall / 220 x 112 x 73	1.5 kg
ADC4370/72	78...340 VDC *)	0-108 VDC	10 A	600 W	DIN/Wall / 220 x 112 x 73	1.5 kg
ADC4370/96	78...340 VDC *)	0-144 VDC	7.5 A	600 W	DIN/Wall / 220 x 112 x 73	1.5 kg
ADC7520/24	78...340 VDC *)	0-36 VDC	60 A	1600 W	Wall / 276 x 135 x 85	1.9 kg
ADC7520/36	78...340 VDC *)	0-54 VDC	45 A	1600 W	Wall / 276 x 135 x 85	1.9 kg
ADC7520/48	78...340 VDC *)	0-72 VDC	30 A	1600 W	Wall / 276 x 135 x 85	1.9 kg
ADC7480/12	70...369 VDC *)	0-18 VDC	200 A	3000 W	Wall / 400 x 250 x 80	7.1 kg
ADC7480/24	70...369 VDC *)	0-36 VDC	127 A	3000 W	Wall / 400 x 250 x 80	7.1 kg
ADC7480/36	70...369 VDC *)	0-54 VDC	95 A	3000 W	Wall / 400 x 250 x 80	7.1 kg
ADC7480/48	70...369 VDC *)	0-72 VDC	64 A	3000 W	Wall / 400 x 250 x 80	7.1 kg
ADC7480/72	70...369 VDC *)	0-108 VDC	42 A	3000 W	Wall / 400 x 250 x 80	7.1 kg
ADC7480/110	70...369 VDC *)	0-165 VDC	25 A	3000 W	Wall / 400 x 250 x 80	7.1 kg
ADC7480/160	70...369 VDC *)	0-230 VDC	20 A	3000 W	Wall / 400 x 250 x 80	7.1 kg
ADC7480/220	70...369 VDC *)	0-320 VDC	14 A	3000 W	Wall / 400 x 250 x 80	7.1 kg

*) Reduced power at 50...200VDC input

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