PVF3200 Switched mode power supply

PVF3200 – Compact and reliable DC-power supply.

Output power 3200 W, output voltage options
12, 24, 36, 48, 72, 110, 160 and 220 Vdc.

Suitable for various power supply systems and charger usage.

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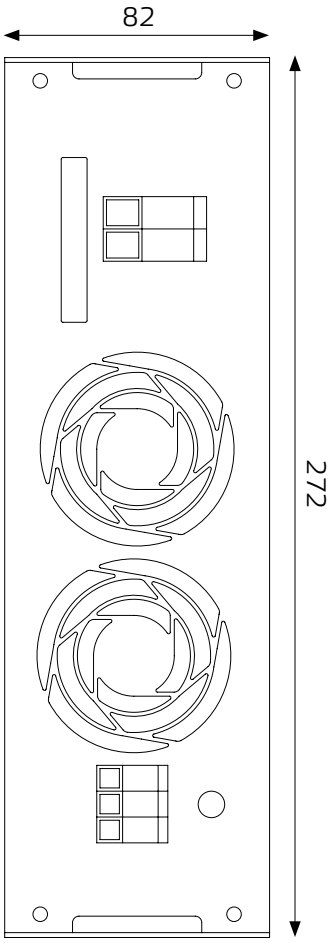
Voltage options:

Nominal output voltage	Voltage range	Current range	Max power
12 Vdc	0-18 Vdc	0-200 A	3000 W
24 Vdc	0-36 Vdc	0-127 A	3200 W
36 Vdc	0-54 Vdc	0-95,5 A	3200 W
48 Vdc	0-72 Vdc	0-64 A	3200 W
72 Vdc	0-108 Vdc	0-42 A	3200 W
110 Vdc	0-165 Vdc	0-25 A	3000 W
160 Vdc	0-230 Vdc	0-20 A	3000 W
220 Vdc	0-320 Vdc	0- 14 A	3000 W



Technical details:

Electrical characteristics:	
Input voltage	70...264 Vac (70...230 Vac, reduced power), 70...369 Vdc
Input current	16 A (max)
Frequency	47 – 63 Hz
Efficiency	>0,89 with 100 % full load, >0,90 with 50 % load (230 Vac)
Power factor	>0,98
Output ripple	<1 % rms from maximum output voltage
Inrush current	Soft start
Mechanical characteristics:	
Weight	7,1 kg
Dimensions, max (L x W x H)	272 x 82 x 420 mm
Enclosure	IP20
Enviroment:	
Operating temperature range	0... +40°C at full load, absolute max. +55°C
Overheating	Processor controlled ON/OFF
Control options:	
External voltage and current control + measure	All signals 0-5 V
Discrete output parameter selection	Three-level voltage selection
Output voltage adjustment	Trimmers
Parallel operation	Option to install several units parallel (Master/Slave)
CAN-bus control	
Standard	PVF3200 fulfills EMC and safety standards. Please check the details from Ellego Powertec Oy.

Applications:

- Chargers
- DC-UPS systems
- Supply systems
- Surface treatment

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