



Power supplies: DC/DC Converter

Build power supply systems with regulated DC voltage levels

Power supplies should guarantee maximum supply reliability and minimum downtime. More complex supply systems and the increase in battery backup solutions require long cables and make DC control voltages more unstable.

The new DC/DC converter compensates for voltage fluctuations, such as those that occur with unregulated power supplies or long cables. With galvanic isolation and protection class III for earth-free systems, the DC/DC converter is particularly suitable for use in independent supply systems. The space-saving module can optimally convert voltage levels, offers above-average power performance, comprehensive safety functions, and a high efficiency of up to 95 %.

Your benefits:

- Above-average power performance with an efficiency of up to 95%.
- Very slim design, high serviceability, and extensive safety functions
- Combinable with our AC/DC power supplies, diode modules, and UPS modules



More information on our Website:
www.weidmueller.com/powermanagement



Powerful DC/DC converters for maximum system availability

Outstanding peak load reserves

Continuous Power Boost bis 125% and High dynamic range thanks to unique DCL (dynamic current limiting) technology up to 600% rated output current for 16 ms ensure reliably triggering circuit breakers and powerful motor start.

Fast status diagnosis and maintenance

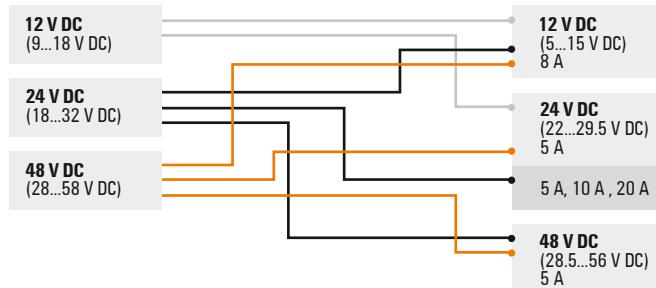
Preventive function monitoring via LED display, status relays, and transistor outputs facilitate status and fault analysis during commissioning and operation.

Universal applicability

Variants with different voltage levels as well as international approvals, such as cULus, cULus Class I, Div. 2, ATEX or IECEx, enable worldwide use in various applications.



Input



Output

Robust and reliable

Weidmüller DC/DC converters operate reliably in a wide temperature range from -25 °C to +70 °C (down to -40 °C at start-up) and with a high MTBF value of more than 1,000,000 hours.

Extremely space- and energy-saving

The compact design saves up to 30 % space in the control cabinet and the high efficiency of up to 95 % ensures low energy costs.



Just order

Type	Depth x Width x Height	Order No.
PRO DCDC 96W 12V/12V 8A	120 x 32 x 130 mm	2869000000
PRO DCDC 96W 24V/12V 8A	120 x 32 x 130 mm	2869010000
PRO DCDC 96W 48V/12V 8A	120 x 32 x 130 mm	2869020000
PRO DCDC 120W 12V/24V 5A	120 x 32 x 130 mm	2869030000
PRO DCDC 120W 48V/24V 5A	120 x 32 x 130 mm	2869040000
PRO DCDC 240W 24V/48V 5A	120 x 43 x 130 mm	2869050000
PRO DCDC 240W 48V/48V 5A	120 x 43 x 130 mm	2869060000
PRO DCDC 120W 24V 5A	120 x 32 x 130 mm	2001800000
PRO DCDC 240W 24V 10A	120 x 43 x 130 mm	2001810000
PRO DCDC 480W 24V 20A	130 x 75 x 120 mm	2001820000



More information can be found in our online catalogue:
www.weidmueller.com/prodcdc