

DC-DC High-Power Series



Elife DC-DC converters are designed specially for use in **battery applications** and to operate in a **vibration environment**.

The main **key features** of our DC-DC High-Power converters include:

- Non-Isolated DC/DC Converters at High Efficiency.
- **Overvoltage & Short-Circuit Protection on Outputs.**
- A low output voltage ripple less than 1 mV.
- Designed for high voltage applications and for battery powered system.
- **Vibration-absorbing inner lining that protects the case.**
- Capable for case temperature up to +65 °C.
- Over-temperature Protection end Enable Input.
- Easy connection and rapid disconnection thanks to its crimp connector.
- Very compact size 100x65x40 mm, mounted on a metal plate.



- Led Diagnostic Status**
- Reverse-Polarity Protection**

Table 1: DC-DC Converter Series are available for different operating conditions.

TYPE	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT POWER
Step Down	From 28 to 80 V	12 V	up to 250 W
		13.8 V	up to 280 W
		24 V	up to 500 W
	From 50 to 100 V	12 V	up to 250 W
		13.8 V	up to 280 W
		24 V	up to 500 W
From 70 to 140 V	12 V	up to 250 W	
	13.8 V	up to 280 W	
	24 V	up to 500 W	
Step Up	From 10 to 16 V	24 V	up to 500 W
		48 V	up to 500 W
Step UpDown	From 16 to 32 V	48 V	up to 500 W
	From 16 to 30 V	24 V	up to 500 W
Step UpDown	From 16 to 30 V	24 V	up to 500 W
	From 32 to 60 V	48 V	up to 500 W