

DC converters

Switchmode DC-DC converters, 24 – 12 volt, 5 – 60 amperes

INVATEC DC series

INVATEC DC-DC converters are real switch-mode converters, that is, almost lossless conversion, compared with the very inexpensive voltage dividers, which devotes all power as heat, thereby also use much power.

INVATEC DC-DC converters are protected against overload and overheating.

All with 6.3 mm spade connector, except DC60 witch are Ø6 mm bolts.

FEATURES

- Easy mounting
- Efficiency is better than 85%.
- Max. 2 converters in parallel
- Humidity, max. 95% non condensing
- Overload protection up to short-circuit
- Overheating output voltage reduction
- Overvoltage Transient protection by Varistor
- Casework, Anodized aluminium
- Warranty is 2 years



Model	DC 05	DC 08	DC 12	DC 20	DC 30	DC 60
Current (A)	5.5A	8A	12A	20A	30A	60A
Input (Vdc)	20 - 35V					
Output (Vdc)	13.2V			13.8V		
Efficiency @ full load (%)	90%					
Off-load current (mA)	<5 mA			<25 mA		<50 mA
Operating temperature (°C)	-20° – +40°					
Ambiant temp. (20°) increase after minutes @ full load (°C)	30°C					
Cooling	Convection				Fan	2 × Fan
Dimensions HxWxD (mm)	49 × 88 × 68	49 × 98 × 88		49 × 88 × 126	49 × 88 × 151	151 × 88 × 98
Weight (gr)	170g	250g	260g	480g	600g	1.2 Kg