

Operating instruction Converter

The DC converter can be used for the operation of various models of the broncolor and VISATEC studio flash units with a 12 volt car battery, above for the compact units.

1. Operating

Please observe the following for trouble-free operation:

- Place the converter on insulated material such as carpet, rubber mat, car seat, etc. (not on the metal surfaces of the car).
- Make sure the converter is switched off.
- The positive + and negative – clips must be connected to the corresponding 12 volt car battery terminals. If the connections are crossed the fuse (800 mAF) at the back of the converter will fail.
- If the battery is not charged sufficiently, the red lamp on the front panel of the converter will go on.
- Connect flash units with power plug to the converter.
- Switch the converter on.
- Switch off modelling light of power pack. The converter only functions trouble-free when the modelling light is switched off.
- Switch the power pack on.
As soon as the green ready light on the power pack goes on, 100% flash energy is reached.

2. Charging time

The charging time depends on the charging state of the battery as well as on the model and on the capacity of the connected power pack(s). The following values are approximate values and are valid with a fully charged battery. The values can increase fourfold when the battery is partially discharged.

3. Compatible unit types

Only 230-volt units can be connected.

	Charging time
Minipuls C40, SOLO 400, SOLO 400 B, LOGOS 800	3,5 s
SOLO 800 B	5,0 s
SOLO 800	6,0 s
Minipuls C80, SOLO 1600 B, LOGOS 1600	7,0 s
Minipuls D160, SOLO 3200 B	12,0 s
Minipuls C200	15,0 s

The stated charging times are valid for one connected unit with fully charged battery. When working with units of 600J or less, two units can be used, which results in the double charging time.