



## DC / DC Power Supplies 12 V DC Output

type numbers: 00791 | 00845  
00846 | 00847



type number  
00791 +  
00845



type number  
00846 +  
00847

### type number 00791 + 00846

Input voltage:	18.0 V DC to 36.0 V DC
Consumption:	0.05 A to 5.0 A at 24 V DC
Output voltage:	12.0 V DC
Output current:	8.0 A
Connector in / out:	SJT / PG (type number 00791) SJT / SJT (type number 00846)

### type number 00845 + 00847

Input voltage:	11.0 V DC to 36.0 V DC
Consumption:	0.05 A to 2.5 A at 24 V DC
Output voltage:	12.0 V DC
Output current:	4.0 A
Connector in / out:	SJT / PG (type number 00845) SJT / SJT (type number 00847)

Ask for further technical information!  
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

### Main Feature:

This family of DC / DC power supplies is designed for automotive applications to be used under harsh environmental conditions.

### Mechanical Specifications:

Material:	Aluminium
Dimensions:	194 x 101 x 40 mm (W x D x H)
Weight:	approx. 1 kg
Ground terminal:	M8
Finish / color:	Powder coating, green RAL 6031 HR or TBD
Protection:	IP 66 (EN 60529)

### Electrical Data:

Input according to:	VG 96916 -5
Voltage accuracy:	± 1.0 % max
Temperature coefficient:	± 0.05 % / °C max
Ripple & noise, 20 MHz BW:	60 mV RMS
max.:	150 mV PP
Safety according to:	EN 60950-1
EMC / EMI:	MIL-STD-461E or TBD

### Environmental Data (acc. to MIL-STD-810F):

Temperature:	-40 °C to +85 °C (operating) -46 °C to +90 °C (storage)
Humidity:	0 % to 100 % rel.
Vibration.:	Fig. 514.5C3 for wheeled vehicles
Shock:	10 x 10 g / 6 ms

### Option:

Remote control for electronically switch on and off.