

The DC-2 DC pulse converter is designed to power car radios, DVD players, VCRs, TVs or other appliances with 12V max 3A power supply. The inverter is connected to the 24V on-board network and is protected against short-circuit over voltage in the on-board network. The inverter provides a maximum output power of 40W. The drive electronics are designed against the ELM interference in the on-board network of the car. The drive must be connected using four wires.

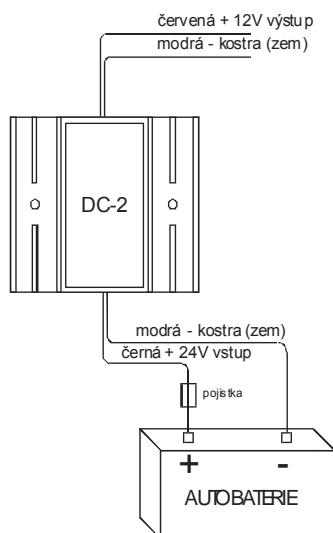
Limit parameters

Symbol	Parameter	Size	Value
U_i	Input voltage	0 - 35	V
I_{out}	Max. output current	3	A
η	Efficiency of conversion	85	%
P_{tot}	Max. loss performance	6,5	W
θ_a	Range of operating temperatures ¹⁾	-40 to +85	°C
θ_{stg}	Storage temperature range	-40 to +85	°C

1) Short-time overvoltage resistance max.300V ,t = 1ms

2) Operation beyond the given range of ambient temperature is not guaranteed

Wiring DC-2 to onboard car network



Area:

