

Model : EV DC-DC Converter**Input Data**

DC-Input Voltage	60Vdc-100Vdc
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Output Data

Nominal Voltage	12Vdc
Output Current	10A
Output Power	120W
Power Reserves	20% Power Boost
max. Ripple and Noise Voltage	<1%

Overview

Operate. Temperature Range	-25°C ... +60°C
Derating	3W/° at >+60°C
Efficiency, typ.	88.4%
Power Losses, typ.	14.4W
Mounting	Panel
Dimension	120x65x45MM

Protections

Input Transient	ESD protected by TVS diode at input and output
Output Short Circuit	Output Short-circuit Protected (shutdown)

EMC Emission

-EN 55011, EN 55032	Conducted / Radiated Emissions (input line)
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EMC Immunity

-EN 61000-4-2	Electrostatic discharge
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