

INTELART

I1-C100 V1.0

Isolated DC/DC Converter

User Manual

www.intelart.ir

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Warning notice system

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

DANGER

indicates that death or severe personal injury will result if proper precautions are not taken.

WARNING

indicates that death or severe personal injury may result if proper precautions are not taken.

NOTICE

indicates that property damage can result if proper precautions are not taken.

Qualified personnel

The product/system described in this documentation may be operated only by personnel qualified for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions.

Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems

Technical Specifications

Hardware Parameters

The following table specifies the hardware information.

Input	Input Voltage	18 to 36V
	Input Current (max.)	0.6A
Output	Output Voltage	12V
	Output Current (max.)	0.8A
Dimensions	Width	25mm
	Height	80mm
	Depth	70mm
Ambient Conditions	Storage temperature	-15 to 75 °C
	Operating temperature	0 to 55 °C
Miscellaneous	Weight	Approx. 110g
	Power LED	Yes. Green LED