VOLUXIN | Clarity in Power.

800V DC-DC Converter Range

Catalogue information overview - configuration to be confirmed

DC-DC converter options for the 800V input platform. Select a catalogue model as the starting point for your voltage, load and installation requirements.

Catalogue input platform	800V
Catalogue input range	500-950 V; 51V option differs: see model table
Catalogue output options	14, 27.5, 51 V (variant dependent)
Catalogue rated power	1.0-3.0 kW
Construction	Enclosed converter

Catalogue model	Input V	Output V	Current A	Rated kW
JCDCC1I1210	500-950	14	72	1
JCDCC1I1215	500-950	14	108	1.5
JCDCC1I1220	500-950	14	142	2
JCDCC1I1225	500-950	14	179	2.5
JCDCC1I24150	500-950	27.5	36	1
JCDCC1I2415	500-950	27.5	55	1.5
JCDCC1I2420	500-950	27.5	72	2
JCDCC1I2425	500-950	27.5	91	2.5
JCDCC1I2430	500-950	27.5	110	3
JCDCC1I4830	400-750 (catalogue exception; confirm)	51	62	3

Model labels are reproduced from the catalogue. State the input platform, housing and required wake/control option with the model when enquiring; a model label alone is not a complete ordering code.

Power figures are catalogue rated values. Continuous capability, temperature derating, cooling, isolation and transient limits require the configuration-specific specification.

Wake/control choices in the catalogue: output on high-voltage power-up; KL15 hardwire control; or combined KL15 and CAN control. Confirm the selected option before ordering.

The 51V option on this catalogue page states 400-750V input; do not assume the family range applies to it.

Customisation enquiries

Customisation is available for discussion. Share your required electrical ratings, communication protocol, connectors, dimensions and operating conditions. Feasibility, the final configuration, evaluation requirements, price and lead time are confirmed individually before an order.

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