

SIEMENS

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ELFA II Traction inverter



General	
Dimensions (W x L x H)	411 x 454 x 183 mm
Weight	30...35 kg
Cooling media	Water-Glycol
Operating temperature	-40°C to 70°C
Protection class	IPX7, IP6K9K, IPX6K
DC input voltage	300 V - 750 V, Rated DC-Voltage: 650 V

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- 3-phase DC/AC Inverter
- 3-phase DC/AC Inverter + Chopper or DC/DC Converter
- 3-phase DC/AC Inverter + Chopper or DC/DC Converter + Integrated Voltage Protection Module

DC/AC inverter	
Rated output current	250 A
Rated output power (460V AC)	200 kVA
Max. output current	
ELFA2 DCx-650WM:	350 A (10s)
ELFA2 Dxx-650WH:	420 A (15s)
Max. output power (530V AC)	
ELFA2 DCx-650WM:	320 kVA (10s)
ELFA2 Dxx-650WH:	385 kVA (15s)
Switching frequency	2 - 6 kHz
Chopper or DC/DC Converter	
Rated output current	1 x 150 A DC (6 kHz) 1 x 290 A DC (non switched)
Switching frequency	2 - 6 kHz
Integrated Voltage Protection Module	
Variable DC trigger voltage	740...827 V
Maximum short-circuit current	420 A for < 3 min

The information provided in this brochure contains merely general descriptions or characteristics of performance, which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

Further information:

<http://www.siemens.com/elfa>

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