

GRIDCON[®] HPC HIGH-POWER CHARGER



READY FOR THE FUTURE.
LINKING ENERGY AND
TRANSPORT TRANSITIONS.

WWW.REINHAUSEN.COM

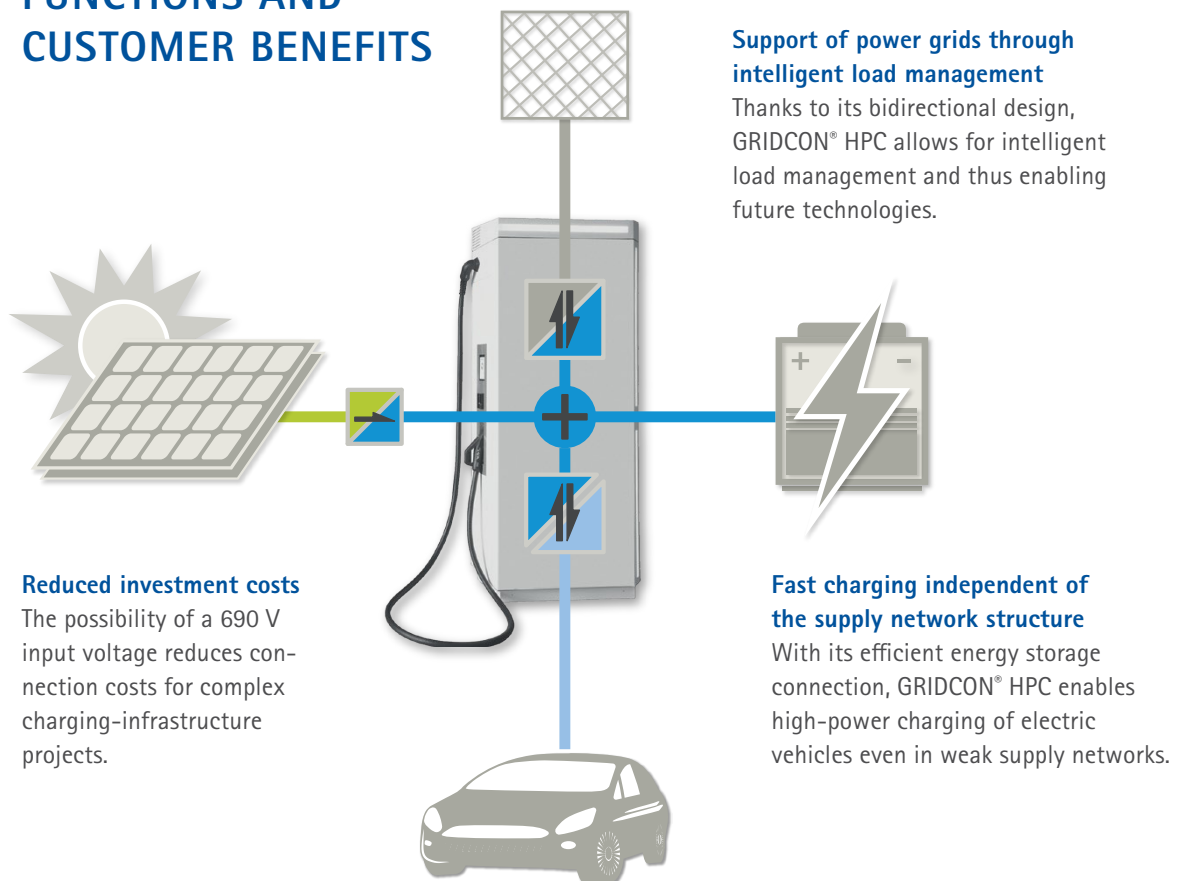


GRIDCON® HIGH-POWER CHARGER.

More Functions. More Value. More Future.

GRIDCON® HPC by Maschinenfabrik Reinhausen links the transitions of the energy and transport sectors. This fast-charging solution connects directly to energy storage and photovoltaic systems via an integrated converter. Electric vehicles can thus be charged with higher power than provided by the AC distribution grid – even with more than 150 kW. GRIDCON® HPC sets new standards with features such as bidirectionality and active liquid cooling, and integration into the distribution grid can be flexibly designed depending on the application complexity.

FUNCTIONS AND CUSTOMER BENEFITS



Fit for the future



Flexible grid connection



Low maintenance



Modularly expandable



Direct battery connection



Bidirectional

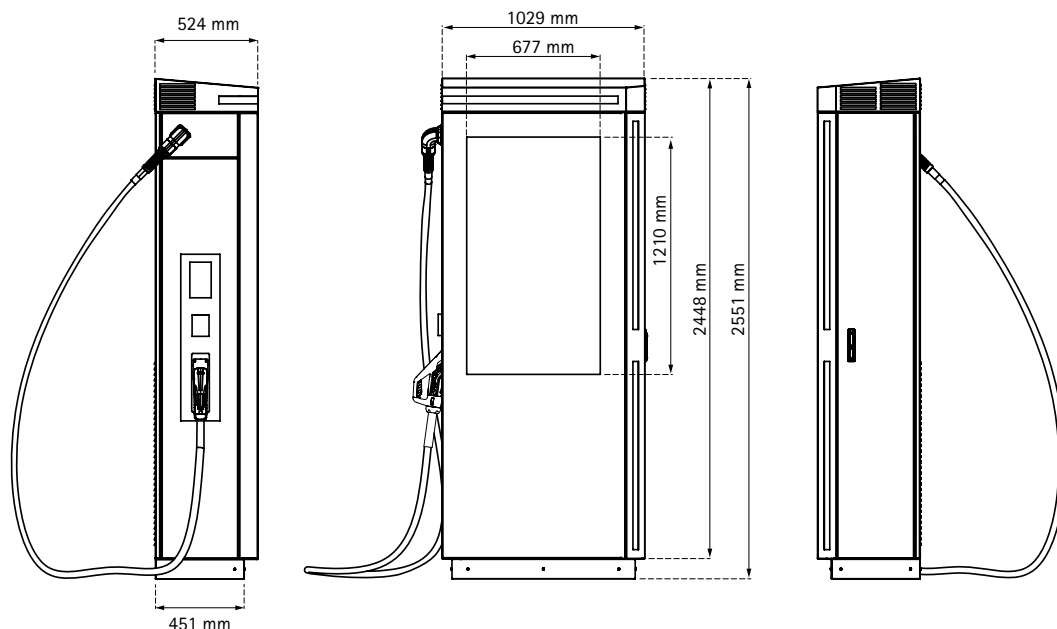
TECHNICAL DATA.

Technical Specification	GRIDCON® HPC 150	GRIDCON® HPC 300
Dimensions (DxWxH)	524 mm x 1033 mm x 2532 mm	984 mm x 1033 mm x 2532 mm
DC charging connector	1 x CCS 2 (liquid-cooled cable)	
Efficiency	98 % (at typical operation)	
AC input voltage	380 V .. 690 V +/- 10% (50 Hz/60 Hz)	
AC input current	Max. 150 A	Max. 300 A
AC input power	100 kW .. 150 kW	200 kW .. 300 kW
Max. DC output power*	175 kW @400 VDC, 250 kW @ 800 VDC	200 kW @400 VDC, 450 kW @ 900 VDC
DC output	200 V .. 1000 V, max. 500 A	
Interfaces	OCPP 1.6 interface, RFID system	
Network connection	GSM-/CDMA-modem, 10/100 Base T-Ethernet, 3G	
User interface	7" touch panel with intuitive operation	
Cooling	Active internal liquid cooling	
Weight	Approx. 400 kg	Approx. 750 kg
Mechanical impact resistance	IK 10	
IP protection class	IP 54	
Ambient conditions	-30 °C to +55 °C	
Standards	IEC 61851, ISO 14443A/B, VDE-AR-N-4110	
Optional features	55" LED screen for dynamic advertisement in the front	
External DC power connection	Battery/PV integration, DC coupled (620 V .. 1450 V)	

* Max. DC output power during typical operation and with parallel connection or buffer storage.

DIMENSIONS.

GRIDCON® HPC 150



Maschinenfabrik Reinhausen GmbH
Power Quality Berlin
Urban Tech Republic | Building H / ZKSI
Airport Tegel 1
13405 Berlin, Germany
Phone: +49 30 330915-0
E-mail: support.pq@reinhausen.com

Maschinenfabrik Reinhausen GmbH
Falkensteinstr. 8
93059 Regensburg, Germany
Phone: +49 941 4090-0

SUPPORT.PQ@REINHAUSEN.COM
WWW.REINHAUSEN.COM

Please note:

The data in our publications may differ from
the data of the devices delivered. We reserve
the right to make changes without notice.

IN7532200/00 EN – GRIDCON® HPC
F0395500 – 09/23 – dp
©Maschinenfabrik Reinhausen GmbH 2020

THE POWER BEHIND POWER.

