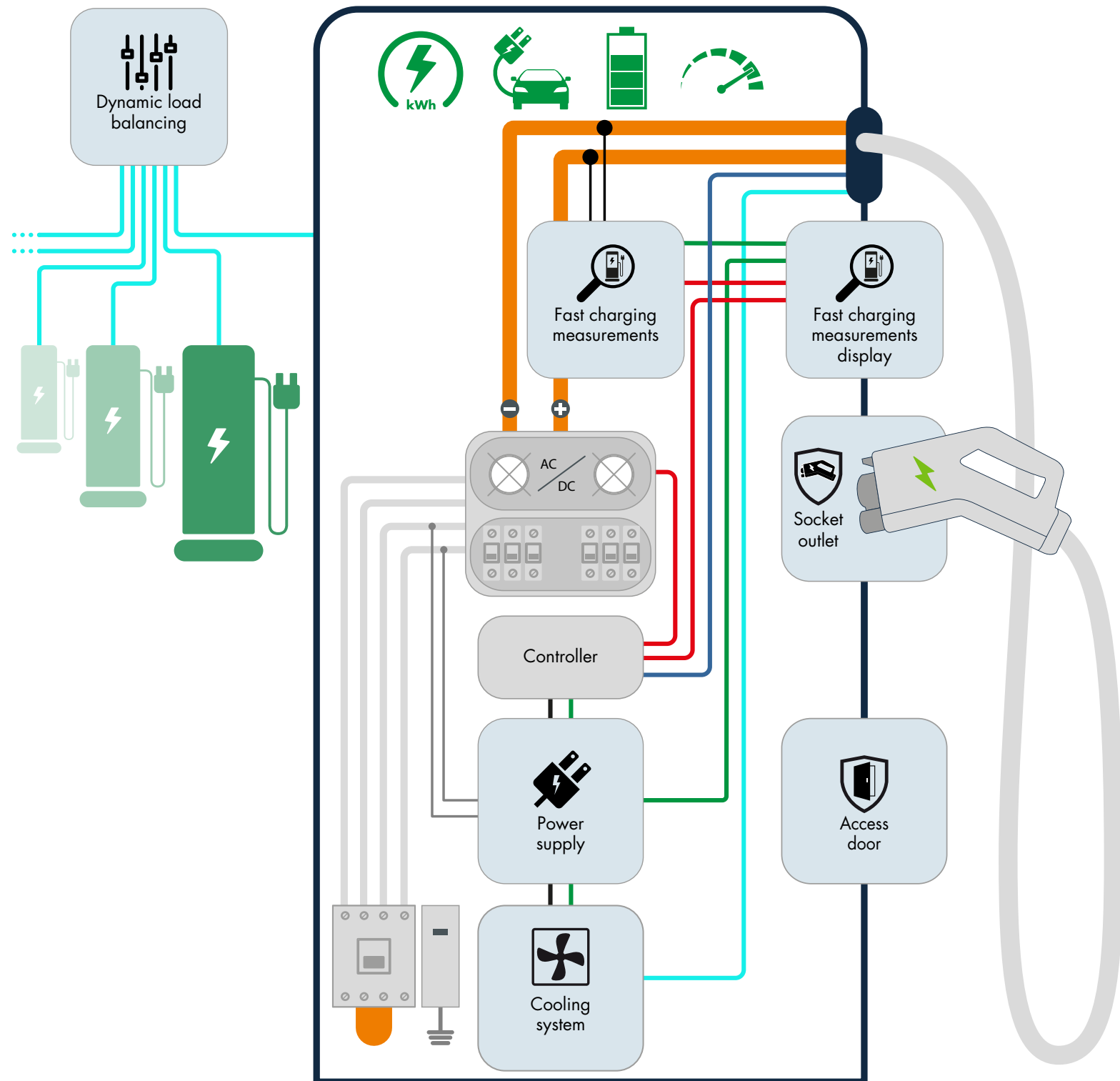




EV charging solutions

FAST CHARGING 50 - 500 kW



DC Energy meter DCM1



- DIN-rail and panel mounting
- Direct connect up to 1000 VDC, DC current of 600 A and 300 A
- RS485 Modbus RTU and Ethernet Modbus TCP with 256-bit/384-bit signature
- Class 1 according to IEC62053-41, 0.5% (V, A)
- Class B according to EN50470-4 (kWh), 0.5% (V, A)
- Charging session & signed data OCMF file management
- Cable loss compensation
- Approvals: CE - cURus - Bidirectional MID up to 70°C - REA 6A+PTB 50.7 Eichrecht - LNE
- Compliant: CTEP - Welmec 7.2 - A.F.I.R.



DC Energy transducer DCT1



- DIN-rail and panel mounting
- Direct connect up to 1000 VDC, DC current of 600 A and 300 A
- RS485 Modbus RTU or SML with 256-bit/384-bit signature
- Class 1 according to IEC62053-41, 0.5% (V, A)
- Class B according to VDE-AR-E 2418-3-100 Annex A (kWh), 0.5% (V, A)
- Cable loss compensation
- Approvals: CE - cURus
- Compliant: CTEP - Welmec 7.2 - Evaluation certificate for Eichrecht approval

SLOW CHARGING 6 - 22 kW



AC Energy meter EM580



- DIN-rail mounting
- 1 or 3-ph, 230 V_{LN} or 400 V_{LL} AC, up to 65 A direct conn.
- RS485 Modbus RTU with 256-bit/384-bit signature
- Class 1 according to IEC62053-21 (kWh), 0.5% (V, A)
- Class B according to EN50470-3 MID (kWh), 0.5% (V, A), easy connection feature
- Charging session & signed data OCMF file management
- Cable loss compensation
- Approvals: CE - Bidirectional MID up to 70°C - REA 6A+PTB 50.7 Eichrecht
- Compliant: Welmec 7.2 - A.F.I.R.



AC Energy meter EM540



- DIN-rail mounting
- 3-ph, 208 to 415 V_{LL} AC, 65 A direct connection
- RS485 Modbus RTU, M-Bus, or digital output (pulse or alarm)
- Class 1 according to IEC62053-21 (kWh), 0.5% (V, A)
- Class B according to EN50470-3 MID (kWh), V2G ready
- Approvals: CE - cULus - Bidirectional MID up to 70°C

DOMESTIC CHARGING 3 - 6 kW



AC Energy meter EM511



- DIN-rail mounting
- 1-phase, 120 to 240 VAC, 45 A direct connection
- RS485 Modbus RTU, M-Bus, or digital output (pulse or alarm)
- Class 1 according to IEC62053-21 (kWh), 0.5% (V, A)
- Class B according to EN50470-3 MID (kWh), V2G ready
- Approvals: CE - cULus - Bidirectional MID up to 70°C



AC Energy meter EM111



- DIN-rail mounting
- 1-phase, 120 to 240 VAC, 333 mV from current sensors CTV_X
- RS485 Modbus RTU
- Class 1 according to IEC62053-21 (kWh), 0.5% (V, A)
- Approvals: CE



Controller UWP-DLB



- Din-rail mounting, compact form factor
- Operating temperature up to 50°C
- Protocol: OCPP 1.6J
- AC and DC chargers control
- Number of manageable plugs: up to 250
- Compatible with Energy Meters with Modbus communications
- Remote access via MAIA Cloud
- Easy and fast configuration via WebApp
- Approvals: CE - UL



Prewired limit switches PS21M/PS31M series



- Plastic or Metal housing
- 1 NO + 1 NC, snap or slow action
- Selectable actuator type
- Prewired 1m PVC cable
- IP67 degree of protection



Low profile power supplies SPMA series



- From 12 to 100 W output power, 85 or 264 VAC or 120 to 350 VDC input voltage
- Overvoltage, Overload and Short circuit protection
- 4 kV insulation, UL Class 2 output
- Approvals: CE - UKCA - cULus - cURus - UL 1310 Class 2 - UL ISA 12.12.01 Class I Div2



Magnetic sensors MMA6+CL1 MA3+CL2



- Max. switch. power contact: 10VA
- Operating distance (Sao): MMA6+CL1 14 mm
MA3+CL2 15 mm
- Output: 1 NO
- Connectivity: MMA6+CL1 Twin lead cable 0.5m
MA3+CL2 PVC cable 0.5m
- Housing: rectangular, plastic, IP67
- Approvals: CE



Inductive sensors ICB30 series



- Supply voltage: 3-w DC
- Sensing distance: ≤ 40 mm (F/NF)
- Output: NPN/PNP - NO/NC
- Connectivity: cable or M12 connector
- Housing: NPB, stainless steel, IP67
- Approvals: CE - UL - CSA



1-phase power supplies SPDL series



- From 15 to 240 W output power
- From 85 to 264 VAC or from 120 V to 370 VDC input voltage
- Compact dimension
- Overvoltage, Overload, Short circuit and Overtemperature protection
- DC OK indication
- Available with PFC
- Approvals: CE - cULus - cURus



Safety magnetic sensors MC36 series



- Max. switch. power contact: 6 W
- Operating distance (Sao): 5 mm
- Output: 2 NO, 1 NO + 1 NC, 2 NO + 1 NC
- Connectivity: PVC cable, M8-plug
- Housing: rectangular, plastic, IP67, IP69K
- Approvals: CE - cULus



4th Gen. Tripleshield™ Capacitive sensors CA30 series



- Supply voltage: DC 4-wire
- Sensing distance M30: < 30 mm (F/NF)
- Output: NPN/PNP NO+NC
- Connectivity: cable or M12 connector
- Housing: PBT, IP67, IP68, IP69K
- Features: superior immunity to EMI



3-phase Solid State contactors RGC3A



- 3-pole switching
- Ratings up to 660 VAC, 65 AAC per pole
- Motor ratings up to 11 kW / 15 HP @ 400 VAC
- Compact dimensions
- Integrated output overvoltage protection
- LED status indication
- Approvals: CE - cULus - EAC - CCC - UKCA - VDE (RGC..10)

OUR SALES NETWORK IN EUROPE

AUSTRIA

Carlo Gavazzi GmbH
Ketzergrasse 374,
A-1230 Wien
Tel. +43 1 888 4112
Fax +43 1 889 1053
office@carlogavazzi.at

FINLAND

Carlo Gavazzi OY AB
Ahventie, 4 B
FI-02170 Espoo
Tel. +358 9 756 2000
myynti@gavazzi.fi

GREAT BRITAIN

Carlo Gavazzi UK Ltd
4.4 Frimley Business Park,
Frimley, Camberley,
Surrey GU16 7SG
Tel. +44 1 276 854110
sales@carlogavazzi.co.uk

NORWAY

Carlo Gavazzi AS
Melkeveien 13,
N-3919 Porsgrunn
Tel. +47 35 93 08 00
post@gavazzi.no

SWEDEN

Carlo Gavazzi AB
V:a Kyrkogatan 1,
S-652 24 Karlstad
Tel. +46 54 85 11 25
Fax +46 54 85 11 77
info@carlogavazzi.se

BELGIUM

Carlo Gavazzi NV/SA
Mechelsesteenweg 311,
B-1800 Vilvoorde
Tel. +32 2 257 41 20
sales@carlogavazzi.be

FRANCE

Carlo Gavazzi Sarl
Zac de Paris Nord II, 69,
rue de la Belle Etoile,
F-95956 Roissy CDG Cedex
Tel. +33 1 49 38 98 60
Fax +33 1 48 63 27 43
french.team@carlogavazzi.fr

ITALY

Carlo Gavazzi SpA
Via Milano 13,
I-20045 Lainate (MI)
Tel. +39 02 931 76 1
info@gavazziacbu.it

PORTUGAL

Carlo Gavazzi Lda
Rua dos Jerónimos 38-B,
P-1400-212 Lisboa
Tel. +351 21 361 70 60
Fax +351 21 362 13 73
carlogavazzi@carlogavazzi.pt

SWITZERLAND

Carlo Gavazzi AG
Verkauf Schweiz/Vente Suisse
Sumpfstrasse 3,
CH-6312 Steinhausen
Tel. +41 41 747 45 35
Fax +41 41 740 45 40
info@carlogavazzi.ch

DENMARK

Carlo Gavazzi Handel A/S
Over Hadstenvej 40,
DK-8370 Hadsten
Tel. +45 89 60 61 00
Fax +45 86 98 15 30
handel@gavazzi.dk

GERMANY

Carlo Gavazzi GmbH
Pfnorstr. 10-14
D-64293 Darmstadt
Tel. +49 6151 81 00 0
Fax +49 6151 81 00 40
info@gavazzi.de

NETHERLANDS

Carlo Gavazzi BV
Wijkemeerweg 23,
NL-1948 NT Beverwijk
Tel. +31 251 22 93 45
info@carlogavazzi.nl

SPAIN

Carlo Gavazzi SA
Avda. Iparraguirre, 80-82,
E-48940 Leioa (Bizkaia)
Tel. +34 94 480 40 37
Fax +34 94 431 60 81
gavazzi@gavazzi.es

OUR SALES NETWORK IN THE AMERICAS

USA

Carlo Gavazzi Inc.
750 Hastings Lane,
Buffalo Grove, IL 60089-6904,
USA
Tel. +1 847 465 61 00
sales@carlogavazzi.com

CANADA

Carlo Gavazzi Inc.
2430 Meadowpine Blvd Unit 104
Mississauga, ON L5N 6S2,
Canada
Tel. +1 905 542 0979
gavazzi@carlogavazzi.com

MEXICO

Carlo Gavazzi Mexico S.A. de C.V.
Circuito Puericultores 22,
Ciudad Satelite
Naucalpan de Juárez,
Edo Mex. CP 53100 - Mexico
Tel. +52 55 5373 7042
Fax +52 55 5373 7042
mexicosales@carlogavazzi.com

BRAZIL

Carlo Gavazzi Automação Ltda.
Av. Francisco Matarazzo,
1752 Conjunto 2108
CEP 05001-200 -
São Paulo - SP - Brazil
Tel. +55 11 3052 0832
Fax +55 11 3057 1753
info@carlogavazzi.com.br

OUR SALES NETWORK IN ASIA AND PACIFIC

SINGAPORE

Carlo Gavazzi Automation
Singapore Pte. Ltd.
61 Tai Seng Avenue #05-06
Print Media Hub
@ Paya Lebar iPark
Singapore 534167
Tel. +65 67 466 990
Fax +65 67 461 980
info@carlogavazzi.com.sg

TAIWAN

Branch of Carlo Gavazzi Automation
Singapore Pte. Ltd.
12F-3, No. 530, Yingcai Rd.,
West Dist., Taichung City
403518,
Taiwan, China
Tel. +886 4 2258 4001
Fax +886 4 2258 4002

MALAYSIA

Carlo Gavazzi Automation (M)
SDN. BHD.
D12-06-G, Block D12,
Pusat Perdagangan Dana 1,
Jalan PUJ 1A/46,
47301 - Petaling Jaya,
Selangor, Malaysia
Tel. +60 3 7842 7299
Fax +60 3 7842 7399
info@gavazzi-asia.com

CHINA

Carlo Gavazzi Automation
(China) Co. Ltd.
Unit 2308, 23/F,
News Building, Block 1, 1002
Middle Shennan Zhong Road,
Futian District,
Shenzhen, China
Tel. +86 755 8369 9500
Fax +86 755 8369 9300
info@carlogavazzi.cn

INDIA

Carlo Gavazzi Automation
India PVT LTD.
1105/06, Kamdhenu 23 West,
Thane Belapur Road,
TTC Industrial Area
Kopar Khairane, Navi Mumbai
400709, India
Tel. +91 88282 84033
info@carlogavazzi.in

OUR COMPETENCE CENTRES AND PRODUCTION SITES

DENMARK

Carlo Gavazzi Industri A/S
Hadsten

MALTA

Carlo Gavazzi Ltd
Zejtun

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LITHUANIA

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Kaunas

CHINA

Carlo Gavazzi Automation
(Kunshan) Co., Ltd.
Kunshan

HEADQUARTERS

CARLO GAVAZZI AUTOMATION SPA

Via Milano, 13
I-20045 - Lainate (MI) - ITALY
Tel. +39 02 931 761
info@gavazziautomation.com

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www.gavazziautomation.com