



The Electricians' Choice



RENEWABLES

Electrical Infrastructure
for Renewable Energy



The Electricians' Choice

COMPLETE EV CHARGING SOLUTIONS

FROM HOME CHARGING TO COMMERCIAL INSTALLATIONS

SIENA®

SMART AC CHARGING

7.4kW Single Phase |
22kW Three Phase

Smart, installer-friendly AC
charging for residential and
commercial applications,
available in tethered and
untethered options.

HOME | WORKPLACE |
DESTINATION

SIENA DUO®

DUAL COMMERCIAL AC CHARGING

Dual 22kW AC

Two simultaneous charging outputs
in one robust unit, designed for
commercial environments, fleets, car
parks and on-street charging.

COMMERCIAL | FLEET | CAR PARKS

CETARA®

DC FAST CHARGING

The next addition to Lewden's
growing EV charging range
- bringing DC fast charging
to commercial and public
charging applications.

RAPID | FLEET | PUBLIC



Lewden's EV charging range delivers smart, reliable solutions for residential and commercial applications
- from home charging to dual commercial charging, with DC fast charging coming soon.



FROM HOME TO HIGHWAY. ONE COMPLETE EV CHARGING RANGE.
Scan To Explore Lewden Ev Charging.

Customizable Distribution Cabinets for Multiple EV Charging

Tailor-made to suit your bespoke needs

The Lewden range of EV Feeder Pillars are designed to provide power distribution to multiple EV charging points.

- > The standard range is available in five different current ratings 100A, 125A, 200A, 400A & 630A.
- > Enclosures are manufactured from durable steel finished with textured powder coat, and ingress protection of IP55 (A selection of RAL Colours available) vandal-resistant lockable doors, pre-drilled gland plates for easy termination of armoured cables, a base plinth for stable surface mounting, and an access cover to facilitate cable routing and installation.
- > Internal shielding panels fully shroud electrical connections.
- > Type 2 Surge protection device.



Product Selection table

Incoming Supply	Outgoing Ways and Ratings	Part Number
100A TPN+E	9 x 7.4kW - 1ph	EV10A*#
	3 x 22kW - 3ph	EV10B*#
	1 x 50kW - 3ph	EV10C*#
125A TPN+E	12 x 7.4kW - 1ph	EV12A*#
	4 x 22kW - 3ph	EV12B*#
	2 x 43kW - 3ph	EV12C*#
200A TPN+E	18 x 7.4kW - 1ph	EV20A*#
	3 x 43kW - 3ph	EV20B*#
400A TPN+E	12 x 22kW - 3ph	EV40A*#
	6 x 43kW - 3ph	EV40B*#
	5 x 50kW - 3ph	EV40C*#
630A TPN+E	18 x 7.4kW - 3ph	EV63A*#
	10 x 43kW - 3ph	EV63B*#
	7 x 50kW - 3ph	EV63C*#

* = Construction Material
= Incoming Device

* Option - Zintec Mild Steel = Z or Stainless Steel = S
Option - Switched Disconnecter = D or MCCB = M

Ordering Example : EV10AZD

Ordering Example: EV10AZD (Explanation of Example EV10A with Zintec Steel + Switched Disconnecter).

All Pillars are equipped with Type 2 Surge and Anti Condensation Heaters as standard.

Customize as you wish!

An additional Stainless steel root attachment is available for mounting onto the base of any standard cabinet, allowing for the pillar to be secured to the root which has been embedded into the ground during construction, and providing a large open cable duct beneath the feeder pillar.

Root Attachment

Part.no	Suitable for Feeder Pillar codes
EVFPS1	EV10C
EVFPS2	EV10A EV10B EV12A EV12B EV12C EV20A EV20B
EVFPS3	EV40A EV40B EV40C EV63A EV63B EV63C

Colour finish options - Free of charge

				
Moss Green RAL6005 Standard colour	Light Grey RAL7035	Dark Grey RAL7011	Jet Black RAL9005	High Visibility Orange RAL2000



The Electricians' Choice

PRO RCBO Based Solution

Enhanced Surge Protection

Models featuring pre-installed surge protection now include our brand-new SRGT2B surge device. This innovative surge device connects directly to the comb busbar and eliminates the need for a dedicated MCB, giving you one additional useable way.

Simplified Part Numbers

Now, part numbers will identify:

- Total number of useable ways
- Round or square knockouts
- Consumer unit arrangement
- Finish colour

FREE Accessories Package

Every unit now includes additional accessories at no extra cost:

- Mains tails clamp
- Rear entry cable grommet
- DIN rail modular blank

RCBO Consumer Units with Type 2 Surge Protection

- Configured with 100A DP Main Switch
- New **SRGT2B Type 2 Surge Protection Device** connects directly to the comb busbar and eliminates the need for a dedicated MCB, giving you **one additional useable way**
- **Free** accessories included (a main tails clamp, a rear grommet, a DIN rail blank)



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-S06W-R1S	6	9
	PRO-S08W-R1S	8	11
	PRO-S10W-R1S	10	13
	PRO-S14W-R1S	14	17
	PRO-S19W-R1S	19	22
	PRO-R06W-R1S	6	9
	PRO-R08W-R1S	8	11
	PRO-R10W-R1S	10	13
	PRO-R14W-R1S	14	17
	PRO-R19W-R1S	19	22



Knockout Arrangement	Part Number	Useable Ways	Enclosure Size (Modules)
	PRO-R10B-R1S	10	13
	PRO-R19B-R1S	19	22

Discover Our Complete Range of PRO Consumer Units and Circuit Protection Devices!

Scan the QR Code to explore our complete range of Circuit Protection Devices



PRO offers a stylish, ergonomic, and non-obtrusive consumer unit design, paired with a comprehensive range of circuit protection devices and accessories to meet the needs of every installation.



Electric Vehicle Power Distribution Solution

A range of consumer units designed for residential retrofitting applications where EV CHARGERS are to be added to an existing installation. Available with the option of Type A or Type B RCCB's and 40A MCBs making them compatible with 7.4kW EV Chargers.

- Suitable for use with 7.4kW residential EV chargers.
- 63A 30mA RCCBs available in Type A and B, providing isolation of both Live conductors.
- Available pre-fitted with T2 SPD.
- Meets the requirements of Section 722 of BS7671.



Scan the QR code to explore our range of EV Consumer Units.

▲ 40A with Type A RCCB



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40A	- 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB	5

▲ 40A with Type A RCCB & Surge Protection



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40AS	- 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB - Type 2 SPD	9

▲ 40A with Type B RCCB



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40B	- 40A 6kA B Curve MCB - 63A 2P 30mA Type B RCCB	5

▲ 40A with Type B RCCB & Surge Protection



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO-REV40BS	- 40A 6kA B Curve MCB - 63A 4P 30mA Type B RCCB - Type 2 SPD	9

▲ 40A with Type A RCCB & Surge Protection (Polycarbonate - IP65)



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	IP65-REV40AS	- 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB - Type 2 SPD - IP65, weatherproof	6

▲ 40A with Bi-directional RCBO Surge Protection (Polycarbonate - IP65)



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	IP65-4BR40AS	- 40A 6kA B Curve MCB - 40A Bi-directional RCBO 30mA type A - Type 2 SPD - IP65, weatherproof	6

- Drop down access cover which can remain in the open position.
- Padlockable cover 3mm diameter for shackle (lock not included).

- Wall mount installation can be achieved by drilling through the rear of the enclosure, or by using the external wall mount brackets provided. External brackets can be positioned in two orientations.

Shrouded neutral bar

- Populated with Main Switch 100A 2P, Type 2 Surge Protection Device, and B40A 1P 6kA MCB + Bidirectional type A 30mA RCD.
- Generous wiring space for conductors up to 16 mm².

▲ 40A with Type A RCCB & Surge Protection (Metal - IP65)



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO65-REV40AS	- 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB - Type 2 SPD - IP65, weatherproof	6

▲ 40A with Bi-directional RCBO Surge Protection (Metal - IP65)



Knockout Arrangement	Part Number	Description	Enclosure Size (Modules)
	PRO65-4BR40AS	- 40A 6kA B Curve MCB - 40A Bi-directional RCBO 30mA type A - Type 2 SPD - IP65, weatherproof	6

- Reserve a position for functional stickers on the face frame and clearly view the control area of the components.
- Padlockable cover (lock not included).

- Smooth walls allow cable entry from all faces.

- Populated with Main Switch 100A 2P, Type 2 Surge Protection Device, and B40A 1P 6kA MCB + Bidirectional type A 30mA RCD.
- Wiring space suitable for conductors up to 6 mm².

Sub Distribution

▲ 100A DP metal fused switch

- Main switch or RCCB incomer options • Supplied complete with 63A, 80A, and 100A gG fuses IEC60269-2 (BS88-2) Ø22x58mm • Easily configurable for top or bottom entry of incoming supply cables • 3 way Earth bar 25mm²



Part Number	Rated Current	Rated Voltage	Fuse Rating	Incomer
FS	100A	230VAC	Fuse not included	Main Switch 100A DP
FS6380100	100A	230VAC	63A,80A,100A	Main Switch 100A DP
FS63	100A	230VAC	63A	Main Switch 100A DP
FS80	100A	230VAC	80A	Main Switch 100A DP
FS100	100A	230VAC	100A	Main Switch 100A DP
FR6380100	100A	230VAC	63A,80A,100A	RCCB 100mA class A (Time Delayed)

Replacement fuses are available for FS6380100

• 63A- Part number: F063A • 80A- Part number: F080A • 100A - Part number: F100A

▲ Electricity isolator switch

- Available in a 2 module enclosure complete with a 100A DP Main Switch and a 100A 100mA time-delayed RCCB, or in a 4-module enclosure complete with a 100A 4P Main Switch. • Ingress rating IP20 IK07 • Designed for use with 16mm² & 25mm² double insulated meter tails type 6181Y



NEW

Part Number	Enclosure modules	Terminal Type	Main Switch
SLM2-DS	2	2 screws	100A DP
SLM2-MS	2	standard 1 screw	100A DP
SLM4-MS	4	standard 1 screw	100A 4P
SLM2-100mAS	2	-	RCCB 100mA Class A (Time delayed)
SLM4-SPD1PT2	2	2 screws	100A DP

*SLM4-SPD1PT2 is a combined meter isolator and Type 2 surge protection unit, providing safe supply isolation and protection against transient overvoltages in one compact enclosure.

▲ 80A Domestic Service Fused Switch

- Double Pole Switch / Insulated Thermosetting Polymer Enclosure
- Supplied complete with 80A type ME fuse and cable duct



Part Number	Rated Current	Rated voltage	Utilisation Category	Fuse	Dimensions H x W x D (mm)
MSF	80A	230VAC 50Hz	AC21	IEC60269-3 (BS88-3)	80 x 127 x 54

Part Numbers	Descriptions
MSF-CD	MSF100(CD) cable duct for MSF1

*Replacement fuses available, Part Number: ME080A (Breaking capacity 33kA 415 VAC).

▲ Distribution Terminal Blocks

Now designed with **3mm Allen screw terminals**, simplifying installations by requiring just one 3mm Allen key for all connections.

- 5 Way Single Pole Distribution Terminal Blocks - 100A <690VAC • Can accept up to 5 conductors with a generous cable capacity from 2.5 to 35mm².
- Dual screw terminations to ensure secure and reliable connections • Ingress Protection IP20; 960°C glow wire tested • Secure cover with wire locking capability • Colour coded for easy identification. • Sold in a box quantity of 5 per colour



Part Number	Colours	Dimensions H x W x D (mm)
DT1005BR	Brown (L1)	68 x 50 x 43.5
DT1005BK	Black (L2)	68 x 50 x 43.5
DT1005GY	Grey (L3)	68 x 50 x 43.5
DT1005BL	Blue (N)	68 x 50 x 43.5
DT1005GN	Green (Earth)	68 x 50 x 43.5
DT1005PK	Pink (Functional Earth)	68 x 50 x 43.5

Heat Pump Solutions

Type B HP Single Pole RCBO

Available from 16A to 40A in B and C curves, with a 30mA residual current rating and 6kA short-circuit breaking capacity.

Indoor & Outdoor (IP65) Consumer Units

Available pre-populated with Type B HP single pole RCBO or RCD solutions.

Suitable for high - frequency applications

Providing a minimum tripping point of 150mA at 1kHz and above, with detection capability up to 20kHz.

Safe and Easy Installation

One module RCBO or RCD Solutions & compact boards.

Built For High-Frequency Loads!



TYPE B HP SINGLE MODULE RCBOs

AVAILABLE IN B CURVE & C CURVE
OPTIONS 16A-40A / 30mA

Type B HP RCBO has been developed for heat pump applications where higher-frequency leakage currents may be present, making it suitable for a wide range of heat pump installations across different manufacturers, subject to the individual manufacturer's requirements.



Explore Type B
HP RCBOs here!



RCBO-B16-30-1HP



RCBO-C16-30-1HP

TYPE B RCD

Type B RCCB is available as a 100A, 2 Pole device, with a 30mA residual current rating and 10kA short-circuit breaking capacity. At just 2 modules wide, it features 2 Pole switching, can be used as the main isolator within a consumer unit.



100-30-2B

TYPE B HP RCBO SOLUTIONS

> INDOOR HP CONSUMER UNITS



HPPI-R06W-A
PRO CU 6Way MS,
B6&B20A RCBOs & SPD



HPPI-R06W-AC16
PRO CU 6Way MS,
BHPC16, B6&B20A RCBOs & SPD



HPPI-R06W-AC25
PRO CU 6Way MS,
BHPC25, B6&B20A RCBOs & SPD



HPPI-R04W-1
PRO CU 4Way MS, B RCD,
B6&B20A RCBOs & SPD

> IP65 HP CONSUMER UNITS



HPPO-07MG-A
PRO65 7Way MS,
B6&B20A RCBOs & SPD



HPPO-07MG-AC16
PRO65 7Way MS, BHPC16,
B6&B20A RCBOs & SPD



HPPO-07MG-AC25
PRO65 7Way MS, BHPC25,
B6&B20A RCBOs & SPD



HPPO-05MG-1
PRO65 5Way MS, B RCD,
B6&B20A RCBOs & SPD

Lewden Type B HP RCBO: Designed for enhanced high-frequency applications, providing a minimum tripping point of **150mA at 1kHz** and above, with detection capability up to **20kHz**.

Lewden Type B RCCB: Suitable for Type B applications **up to 1kHz**, but does not provide the enhanced high-frequency characteristics of the Type B-HP RCBO.

***Always check the heat pump manufacturer's requirements when selecting the appropriate RCD protection for the installation.**



Explore HP
consumer
units here!

Connecting all the dots in the Renewable Ecosystem

FROM INCOMING SUPPLY AND CIRCUIT PROTECTION TO EV CHARGING AND HEAT PUMP SOLUTIONS.



100A DP metal fused switch

- Available in choices of 63A, 80A, 100A.



SLM2-MS

- Available in 2 module enclosure complete with 100A DP Main Switch - suitable for domestic use. Also available in 4 module enclosure for commercial use.
- Ingress rating IP20 IK07.
- Designed for use with 16mm² & 25mm² double insulated meter tails type 6181Y.



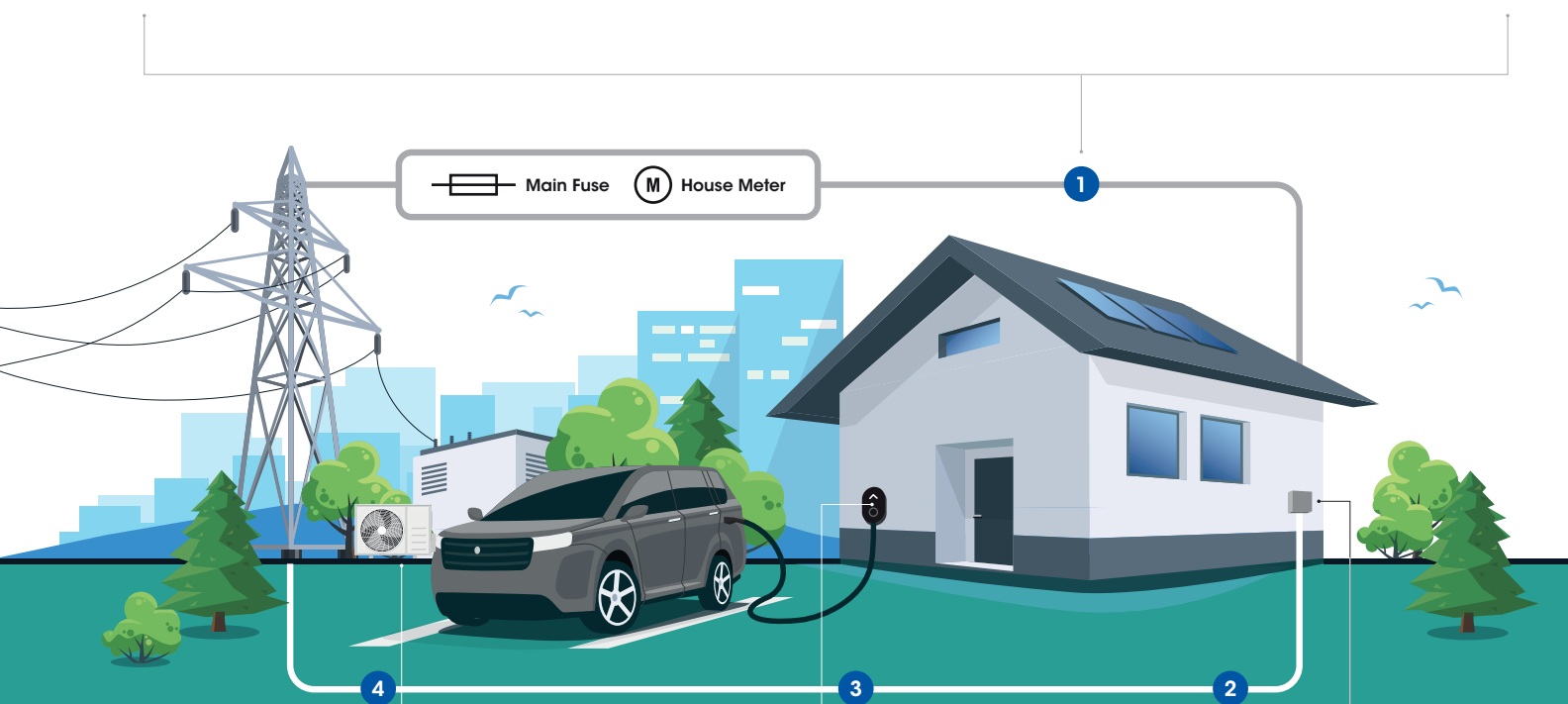
Distribution terminals

- 6 different colour-coded terminals for quick identification of phase, neutral, earth and functional Earth connections.



Main Consumer Unit

- Variety of solutions in our extensive Consumer units range. Choose from Dual RCD solutions, RCBO solutions, RCD Incomer solutions, Dual Tariff boards, Retrofit surge protection range and more.



HEAT PUMP PROTECTION

- TYPE B HP SINGLE POLE RCBO is available from 16A to 40A in Band C curves, with a 30mA residual current rating and 6kA short-circuit breaking capacity.
- Indoor and IP65 dedicated consumer unit solutions.



SIENA

- 7.4kW Single Phase and 22kW Three Phase AC 32A Chargers.
- Mode 3 EV Fast Smart Charging Point.
- Open Charge Point Protocol 1.6.



EV Consumer Unit

- Populated with a 100A 2P main switch, a type 2 surge protection device, and a B40A 1P 6kA MCB, plus a bi-directional Type A 30mA RCD.
- IP65-rated.
- Available in metal and polycarbonate enclosures.





Bi-directional RCBOs

- 6kA range - TYPE A, B-Curve Bidirectional RCBOs.
- Available in 6A - 40A current ratings.



MCBs

- 6kA range is available in 1/2/3/4 Poles in B & C trip curves from 6A-63A.
- 10kA range is available in 1/2/3 Poles in B/C/D trip curves from 6A-63A current ratings.



Main switch

- Available in 2 Pole for 6kA range and 3/4 Pole for 10kA range.



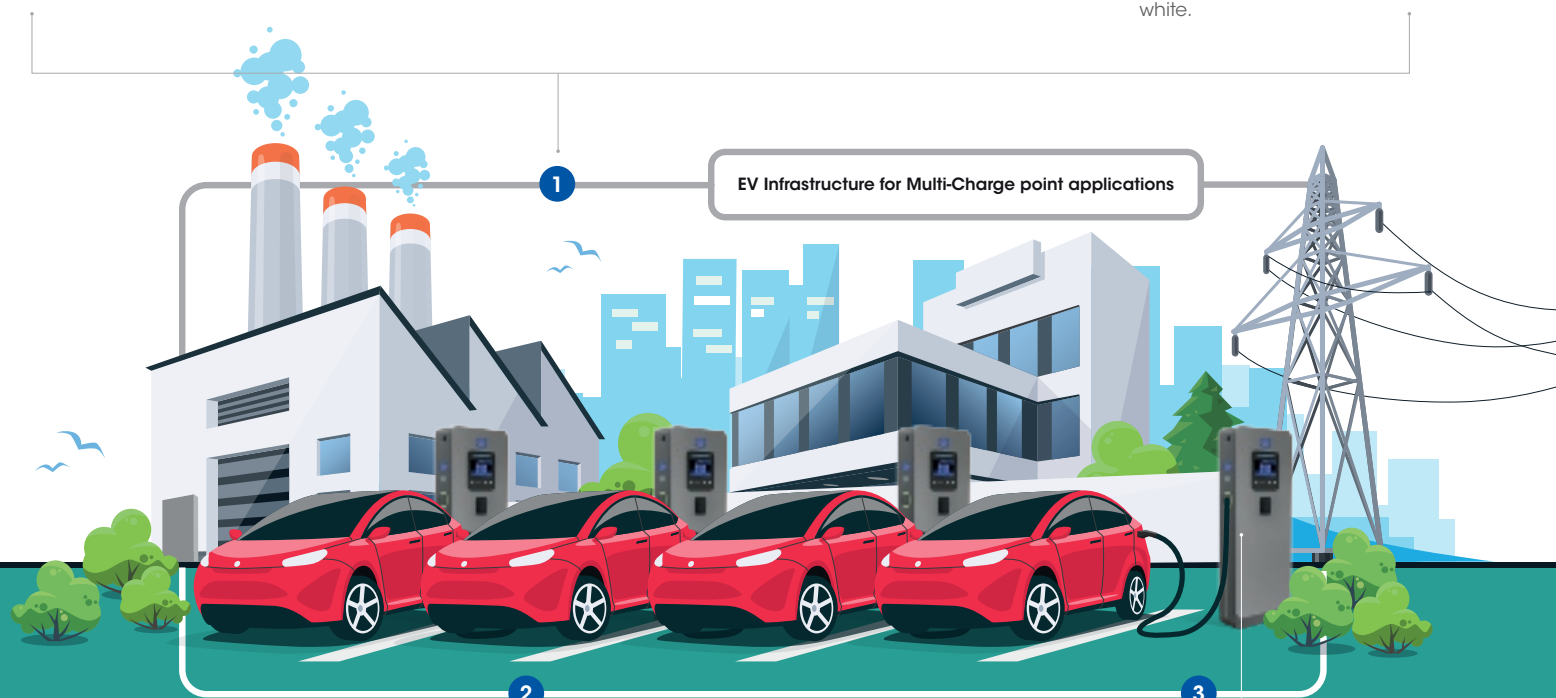
SPDs

- Type 1 and Type 2 surge protection devices designed for various applications - suitable for single or three-phase applications.
- They are compatible with both TN (TN-S & TN-C-S) and TT earthing arrangements.



TP&N Distribution Boards

- Designed & Engineered in the UK
- Four modular sizes available: 4, 8, 12 & 16 TP outgoing ways.
- Compatible with the 6kA & 10kA circuit protection range.
- All steel construction finished with a powder coating in RAL9003, white.



EV Feeder Pillars

- Customizable Distribution Cabinets for Multiple EV Charging.
- The standard range is available in five different current ratings 100A, 125A, 200A, 400A & 630A in Metal or GRP.
- We CUSTOMIZE AS YOU WISH!



SIENA DUO®

Commercial AC EV Charging Station

- Dual 22kW AC charging- charge two vehicles simultaneously.
- Contactless payment & RFID authentication.
- 7" colour touchscreen.
- Ethernet, Wi-Fi & 4G connectivity.
- OCPP 1.6J compatible.
- IP55 / IK10 steel construction.



For more information contact your local Lewden Regional Sales Managers & agents



Lewden Support

Iain Taggart

+44 (0) 1376336213
iain@cyrusagencies.co.uk
Scotland

Kate Knox

+44 (0) 1376336214
kk@kateknoxagencies.com
North

Core distribution NI

+44 (0) 2890020066
info@coreelectrical.com
Northern Ireland

Mikesh Mistry

+44 (0) 7442242193
mikesh.mistry@lewden.co.uk
Midlands

Tim Ketterer

+44 (0) 1376336219
tim@lm-agencies.com
London North & East Anglia

Lee Mallett

+44 (0) 1376336220
lee@lm-agencies.com
London North & East Anglia

Chris Smith

+44 (0) 7919922910
chris.smith@lewden.co.uk
South West

Charlie Gammons

+44 (0) 7484405743
charlie.gammons@lewden.co.uk
London South & South East

Hazel Barry

+44 (0) 7442238552
hazel.barry@lewden.co.uk
Wholesale Partnerships
Development Manager
Wales



Kevin Smith

Lead of Renewable & Safety Solutions
+44 (0) 7384818813
kevin.smith@lewden.co.uk

Sam McGimpsey

Lead of Customer
Engagement & Partnerships
+44 (0) 7973 838 465
sam.mcgimpsey@lewden.co.uk

Wales	Midlands	South West	London South & South East	London North & East Anglia	Scotland	North	Northern Ireland
Hazel Barry	Mikesh Mistry	Chris Smith	Charlie Gammons	Lee Mallett Tim Ketterer	Iain Taggart	Kate Knox	Core Electrical BT
CF HR NP SA	LN NG LE NN CV B DE DY ST TF WR WS WV	BA BH BS DT EX GL GY JE PL SN SP TA TQ TR OX	BN BR CR CT DA GU KT ME PO RG RH SE SL SM SO SW TN TW UB EC WC W	AL CB CM CO E EN HA HP IG IP LU MK N NR NW RM SG SS WD WT	HS IV AB PH DD PA FK KY KA G EH TD KA DG IM	BB BD BL CA DH DL DN HD HG HU HX L LA LS M NE OL PR S SK TS WA WF WN YO FY SR LL CH CW	



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Tel.: +44 (0) 1376 336 200 | sales@lewden.co.uk | lewden.com



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@lewdenpalazzoli



@lewdenltd