

Specifications

Product Overview

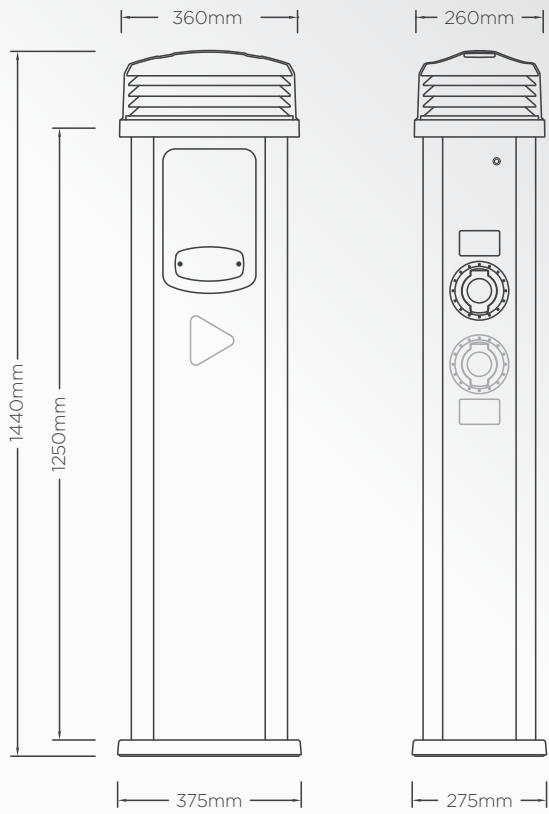
	Connection Type	Charging Output	Input Supply	Unit Colour	Additional Features	
Single Phase Units	1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	LCD screen & contactless payment terminal	
					LCD screen	
					Contactless payment terminal	
					○ White	None
				● Grey	None	
	2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	LCD screen & contactless payment terminal	
					LCD screen	
					Contactless payment terminal	
				○ White	None	
			● Grey	None		
4x Universal charging sockets	Up to 7.4kW (32A) per socket	2x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	None		
			● Grey	None		
			○ White	None		
Three Phase Units	1x Universal charging socket	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	LCD screen & contactless payment terminal	
					LCD screen	
					Contactless payment terminal	
					○ White	None
				● Grey	None	
	2x Universal charging sockets	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	LCD screen & contactless payment terminal	
					LCD screen	
					Contactless payment terminal	
				○ White	None	
			● Grey	None		

*Chargepoint(s) will downrate if the input supply is lower than the maximum charging output

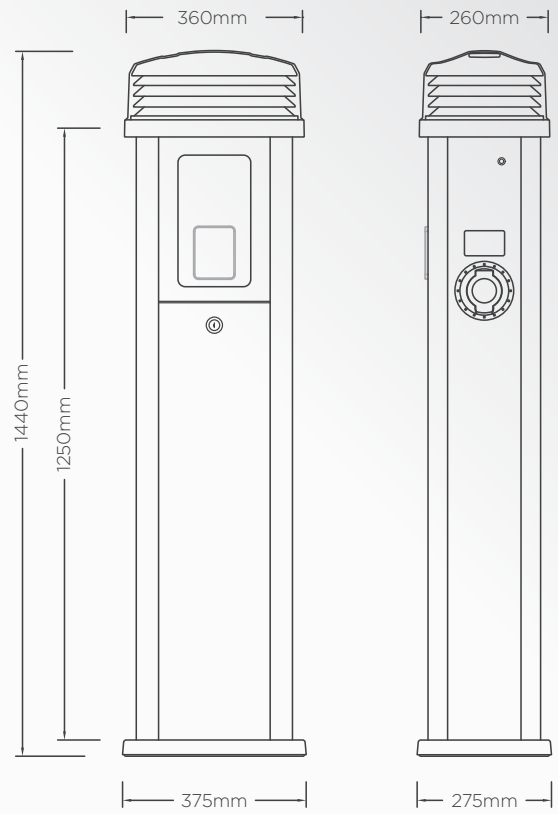
Specifications

Unit Dimensions

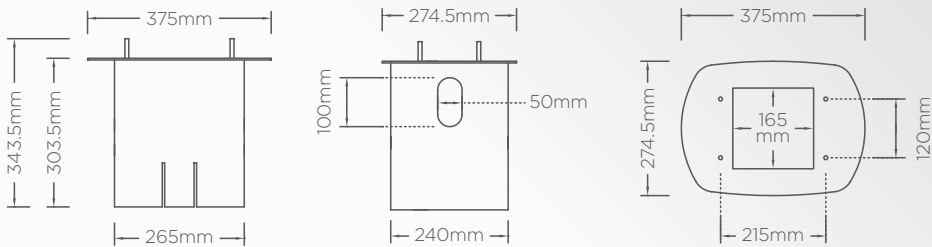
Quantum 1way/2way/4way unit:



Quantum 1way/2way unit with door:



Ground mounting base:



Specifications

Technical Data

User Interface	<ul style="list-style-type: none"> • Mobile app • Contactless card payment terminal (EMVCo. L1 v3.0 Certified) (model dependant) <ul style="list-style-type: none"> • RFID reader (ISO14443 A & B (T=CL), Desfire EV2/3 & Mifare Classic protocols) <ul style="list-style-type: none"> • NFC (ISO18092) • 5" LCD display screen (model dependant) • RFID reader(s) (MIFARE ISO/IEC 14443 A) (model dependant) • Plug & charge • RGB LED status indicator halo(s) - configurable
Charge Protocol	Mode 3 (IEC 61851-1)
Protection	<ul style="list-style-type: none"> • AC overload & fault current protection - 40A 30mA Type A RCBO (per socket) • DC fault protection - 6mA • Lightning surge, over temperature protection • PME fault detection - No earth electrode/rod required • Supports automatic dynamic load balancing (may require additional hardware) • Supports static load management (software configurable)
Cable Terminals	<ul style="list-style-type: none"> • Single Phase - 3x 50mm 1P + N + E (2x [3x 50mm] for ROLECO425B, ROLECO425G, ROLECO425W. Alternative cable terminals available upon request) • Three Phase - 5x 50mm 3P + N + E
Communications	<ul style="list-style-type: none"> • 4G LTE Cat-1 (built-in nano SIM(s), subscription required) <ul style="list-style-type: none"> • LTE FDD: B1/B3/B5/B7/B8/B20/B28 • GSM: B2/B3/B5/B8 • Wi-Fi 802.11 b/g/n 2.4 GHz (2412-2472 MHz / 2422-2462 MHz) • NFC 13.56 MHz • RJ45 Ethernet connection (2x connections for ROLECO425B, ROLECO425G, ROLECO425W) • Bluetooth Low Energy (BLE 4.1) 2402-2480 MHz (for installer configuration purposes) • OCPP 1.6J • Cyber security - Data encryption level TLS 1.2
Energy Metering	Integrated Class 1 MID compliant metering
Amenity Lighting	<ul style="list-style-type: none"> • 360° Low energy LED • Rating - 1 x GX53 9W LED, 230-240V AC • Colour temperature - 4000K • Protection - 6A 30mA Type A RCBO
Standby Power Consumption	<ul style="list-style-type: none"> • Charging circuits - < 7.5W (per socket) • Panel heater - 8W • Lighting - 9W • LCD display screen - < 3W (where fitted) • Contactless card payment terminal - 18W (where fitted)
Dimensions	375mm x 1440mm x 275mm (W x H x D)
Weight	< 34kg (model dependant)
Environmental	<ul style="list-style-type: none"> • Ingress protection - Enclosure IP66, Socket IP54 • Impact protection - IK10 • Security - Dual tamper and breach notifications • Operating temperature - -30°C to +50°C • Operating humidity - 5% to 95%
Materials	<ul style="list-style-type: none"> • Substructure - 2.5mm 6063 extruded Aluminium, 25 micron hard anodised protective finish • Panel - 3.2mm Aluminium composite • Door - Heavy duty 1.5mm Steel with 45-55 microns of Zinc primer and corrosive resistant, textured Polyester powder coating finish (where fitted) • Fascia - tempered glass (where fitted) • Lens - High impact resistant 3mm Polycarbonate • Base - High impact resistant, heavy-duty 5mm Polycarbonate • Lid/collar/louvres - High impact resistant Polycarbonate
Unit Colour	 Black Grey & White (model dependant) Other colours available upon request
Certifications & Compliances	<ul style="list-style-type: none"> • EV Charging Compliance - EN 61851-1:2019, EN 61851-22:2002 • Smart Charge Points - (SI 2021/1467) • Wiring Regulations - BS 7671:2018+A2:2022 • EMC Compliance - EN 61000-6-3:2007+A1:2011, EN 61000-6-2:2005, 2014/30 /EU, SI 2016/1091, (EN 301 489-1 V1.9.2, EN 301 489-3 V2.1.1, EN 301 489-17 V1.3.1, EN 301 489-19 V2.1.1, EN 301 489-52 v1.1.0)^P • Safety Compliance (LVD) - EN 62368-1:2014, 2014/35/EU, SI 2016/1101, EN 60950-22:2006^P • Communications / RED - EN 62311:2008, 2014/53/EU, SI 2017/1206, EN 300 330 V2.1.1 (2017-02), EN 301 908-1 V15.1.1 (2021-09), EN 301 908-13 V13.2.1 (2022-02), EN 301 511 V12.5.1 (2017-03), EN 300 328 V2.2.2 (2019-07), EN 300 440 V2.2.1 (2018-07), (EN 301 908-2 V13.1.1, EN 303 413 V1.1.1)^P • Environmental Protection - BS EN 60529:1992+A2:2013 • Impact Rating - BS EN 62262:2002+A1:2021 • Metering - 2014/32/EU, SI 2016/1153 • Accessibility - PAS 1899 accessible charging standard • RoHS - 2011/65/EU, SI 2012/3032 • REACH - 1907/2006, REACH etc. (Amendment) Regulations 2021 • Payter Payment Device - CE, FCC, RoHS, WEEE , REACH, EMVCo, PCI-PTS 6.x, TQM, MasterCard, VISA, American Express, Discover, Diners ^P • Certifications - CE & UKCA
Warranty	3 years