

VOLT
STATION



EV Chargers

Scalable EV charging infrastructure, engineered for performance



ABOUT US

Valor Power delivers the next generation of clean, resilient energy infrastructure through **Volt Station**, our modular, grid-ready platform for electrification. Our vision is to accelerate a future where businesses, fleets, and communities can access reliable, low-carbon power anywhere it's needed.

We're driven by core values of **engineering excellence, transparency, sustainability, and client empowerment**—ensuring every solution is bankable, scalable, and built for real-world performance.

Our product line includes **Volt Station mobile and fixed power units, battery-energy storage systems, and integrated renewable-ready charging solutions**, giving clients a flexible pathway to electrify operations with confidence.

All Volt Station energy storage and EV charger products are fully certified by **TÜV SÜD** meeting Europe's strictest safety and quality standards.



A comprehensive TÜV certification that reinforces our commitment to reliable, safe, and globally trusted ESS solutions.

Certified to **UL9540A**, demonstrating Valor Powers uncompromising commitment to battery safety.



UL 9540A

A rigorous fire-safety evaluation that validates the stability and reliability of our ESS under extreme conditions.

Fully **CE-certified** to meet essential EU safety, health, and environmental protection standards.



Ensuring our energy storage and EV charger solutions comply with Europe's stringent regulatory requirements for safe market entry.

Volt Station 30kW DC Charger

VS-C-30DC

Description

The Volt Station 30 kW DC Charger powered by integrated architecture delivers fast, reliable charging in a compact, wall- or pedestal-mounted form factor. Its high-efficiency power module, wide voltage range, and smart thermal management make it ideal for commercial sites seeking dependable rapid charging. With OCPP-compliant connectivity, remote monitoring, and seamless payment integration, the Volt Station 30 kW unit provides a robust, scalable solution for fleets, workplaces, and public charging environments, all wrapped in Volt Station's clean, modern brand.



UL 9540A



Features



Economical & Efficient
Efficiency up to 96%



Wide Operating Window
Output voltage from 50V-1000V to suit a wide variety of vehicles



Safe & Reliable
IP55, optimized ventilation design, temperature difference within 6°C



Noise Derating
Can modularly reduce the noise output so suit sensitive locations



Compact & Convenient
Small footprint, easy to transport and install.



Full Energy Management System
Fully integrates with the Volt Station system architecture



Expandable & Modular
Can be configured for 60kW or 80kW power



Easy O&M
Support multiple ways of operation and maintenance, including onsite, cloud

Specification

Input Characteristics

Input Voltage	380 VAC +/- 10%
Input frequency	50 / 60 Hz
Input type	3P + N + PE
Input current	50A
Input power	33kVA
Power factor	0.99
THDi	<5%

Output Characteristics

Connector options	Single connector Standard CCS2, Optional CHAdeMO
Output voltage	CCS2: 50-1000 Vdc CHAdeMO: 50-500 Vdc 375~1000V is the output voltage of constant power output@80A CCS2 cable.
Maximum output current	Standard CCS2 80A Optional CCS2 125A CHAdeMO 80A
Rated power	DC: 30kW
Peak efficiency	96%

Environmental

Operational altitude	<2000m
Operating temperature	-25 °C to +50 °C (Full power)
Temperature derating	Up to 50 °C: 100% output power 50-65 °C interval, linear power limit 65 °C or more, module shutdown protection
Storage temperature range	-30 °C to +70
Humidity	5 %-95 % Rh non-condensing

Structure Components

IP and IK rating	IP55/ IK10
Dimensions	W550mm*D700mm*H200mm
Weight	≤65 kg
Cable length	5m (4.5m exposed from the charger), longer length optional
Emergency button	Yes

Other

Communication interface	LAN port (4G supported) English (Supports customising other languages)
Language	OCPP1.6J
Communication protocol	OCPP2.0.1 upgradable
Cooling method	Air Cooled RFID / APP/ Credit card
Payment method	Class A (industrial)
EMC Protection	Overvoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection

Standards and Certification

Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118 etc...
Certifications	CE, TUV, UKCA, *RCM 2024 Q2, *TR25 2024Q4

Volt Station 80kW DC Charger

VS-C-80DC

Description

The Volt Station 80 kW DC Charger powered by integrated architecture delivers fast, reliable charging in a compact form factor. Its high-efficiency power module, wide voltage range, and smart thermal management make it ideal for commercial sites seeking dependable rapid charging. With OCPP-compliant connectivity, remote monitoring, and seamless payment integration, the Volt Station 80 kW unit provides a robust, scalable solution for fleets, workplaces, and public charging environments, all wrapped in Volt Station's clean, modern brand.



UL 9540A

Features



Economical & Efficient
Efficiency up to 96%



Wide Operating Window
Output voltage from 200V-1000V to suit a wide variety of vehicles



Safe & Reliable
IP55, optimized ventilation design, temperature difference within 6°C



Noise Derating
Can modularly reduce the noise output so suit sensitive locations



Compact & Convenient
Small footprint, easy to transport and install.



Full Energy Management System
Fully integrates with the Volt Station system architecture



Expandable & Modular
Can be configured for 60kW or 80kW power



Easy O&M
Support multiple ways of operation and maintenance, including onsite, cloud

Specification

Input Characteristics

Input Voltage	400 VAC +/- 10%
Input frequency	50 / 60 Hz
Input type	3P + N + PE
Input current	150A
Input power	89kVA
Power factor	0.99
THDi	<5%
Grounding type	TN-s, TT

Output Characteristics

Connector options	CCS2 CCS2 + CCS2 CCS2 + CHA
Output voltage	CCS2: 50-1000 Vdc CHAdeMO: 200-500 Vdc 300~1000V is the output voltage of constant power
Maximum output current	CCS2 200A CHAdeMO 125A
Rated power	DC: 80kW
Peak efficiency	96%

Environmental

Operational altitude	<2000m
Operating temperature	minus 25 °C to +65 °C
Temperature derating	Up to 50 °C: 100% output power 50-65 °C interval, linear power limit 65 °C or more, module shutdown protection
Storage temperature range	-30 °C to +70
Humidity	5 %-95 % Rh non-condensing

Structure Components

IP and IK rating	IP55/ IK10
Dimensions	W850mm*D500mm*H2030mm
Weight	≤350 kg
Cable length	5m (4.5m exposed from the charger), longer length optional
Emergency button	Yes

Other

Communication interface	LAN port (4G supported) English (Supports customising other languages) OCPP1.6J
Language	OCPP2.0.1 upgradable
Communication protocol	Air Cooled
Cooling method	RFID / APP/ Credit card
Payment method	Class A (industrial)
EMC	Overvoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection
Protection	

Barrier design Yes

Standards and Certification

Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118 etc...
Certifications	CE, TUV, UKCA, *RCM 2024 Q2, *TR25 2024Q4

Volt Station 240kW DC Charger

VS-C-240DC

Description

The Volt Station 240 kW DC Charger powered by integrated architecture delivers fast, reliable charging in a compact form factor with high resolution touch screen. Its high-efficiency power module, wide voltage range, and smart thermal management make it ideal for commercial sites seeking dependable rapid charging. With OCPP-compliant connectivity, remote monitoring, and seamless payment integration, the Volt Station 240 kW unit provides a robust, scalable solution for fleets, workplaces, and public charging environments, all wrapped in Volt Station's clean, modern brand.



Features



Economical & Efficient
Efficiency up to 96%



Safe & Reliable
IP55, optimized ventilation design, temperature difference within 6°C



Compact & Convenient
Small footprint, easy to transport and install.



Expandable & Modular
Can be configured from 120kW to 240kW power



Wide Operating Window
Output voltage from 200V-1000V to suit a wide variety of vehicles



Noise Derating
Can modularly reduce the noise output so suit sensitive locations



Full Energy Management System
Fully integrates with the Volt Station system architecture



Easy O&M
Support multiple ways of operation and maintenance, including onsite, cloud

Specification

Input Characteristics

Input Voltage	400 VAC +/- 10%
Input freque	50 / 60 Hz
Input type	3P + N + PE
Input current	444A
Input power	263kVA
Power factor	0.99
THDi	<5%
Grounding type	TN-s, TT

Output Characteristics

Connector options	CCS2 CCS2 + CCS2 CCS2 + CHA
Output voltage	CCS2: 50-1000 Vdc CHAdeMO: 200-500 Vdc 300~1000V is the output voltage of constant power
Maximum output current	CCS2 350A CHAdeMO 125A
Rated power	DC: 240kW
Peak efficiency	96%

Environmental

Operational altitude	<2000m
Operating temperature	minus 25 °C to +65 °C
Temperature derating	Up to 50 °C: 100% output power 50-65 °C interval, linear power limit 65 °C or more, module shutdown protection
Storage temperature range	-30 °C to +70
Humidity	5 %-95 % Rh non-condensing

Structure Components

IP and IK rating	IP55/ IK10
Dimensions	W850mm*D750mm*H2000
Weight	≤500 kg
Cable length	5m (4.5m exposed from the charger), longer length optional
Emergency button	Yes

Other

Communication interface	LAN port (4G supported)
Language	English (Supports customising other languages) OCPP1.6J
Communication protocol	OCPP2.0.1 upgradable
Cooling method	Air Cooled
Payment method	RFID / APP/ Credit card
EMC	Class A (industrial)
Protection	Overvoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection

Standards and Certification

Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118 etc...
Certifications	CE, TUV

Volt Station 640kW DC Charger

VS-C-640DC

Description

The Volt Station 640 kW DC Charger powered by integrated architecture delivers fast, reliable charging in a compact form factor with high resolution touch screen. Its high-efficiency power module, wide voltage range, and smart thermal management make it ideal for commercial sites seeking dependable rapid charging. With OCPP-compliant connectivity, remote monitoring, and seamless payment integration, the Volt Station 640 kW unit provides a robust, scalable solution for fleets, workplaces, and public charging environments, all wrapped in Volt Station's clean, modern brand.



Features



Economical & Efficient
Efficiency up to 96.2%



Wide Operating Window
Output voltage from 200V-1000V to suit a wide variety of vehicles



Safe & Reliable
IP54, optimized ventilation design, temperature difference within 6°C



Noise Derating
Can modularly reduce the noise output so suit sensitive locations



Compact & Convenient
Small footprint, easy to transport and install.



Full Energy Management System
Fully integrates with the Volt Station system architecture



Expandable & Modular
Can be configured from 400kW to 640kW power



Easy O&M
Support multiple ways of operation and maintenance, including onsite, cloud

Specification

Input Characteristics

Input Voltage	400 VAC +/- 10%
Input frequency	50 / 60 Hz
Input type	3P + N + PE
Input current	1160A
Input power	685kVA
Power factor	0.99
THDi	<5%
Grounding type	TN-s, TT

Output Characteristics

Connector options	CCS2, can have additional dispenser
Output voltage	CCS2: 200-1000 Vdc 300~1000V is the output voltage of constant power
Maximum output current	CCS2 500A (Liquid Cooled continuous) CCS2 350A (Liquid Cooled continuous)
Switching Step	160kW
Rated power	DC: 640kW
Peak efficiency	96%

Environmental

Operational altitude	<2000m
Operating temperature	minus 30 °C to +65 °C
Storage temperature range	-30 °C to +70
Humidity	5 %-95 % Rh non-condensing

Structure Components

IP and IK rating	IP54/ IK10
Dimensions	W990mm*D990mm*H2000mm
Weight	≤850 kg
Cable length	5m (4.5m exposed from the charger), longer length optional
Emergency button	Yes
Screen	15" HD Touchscreen ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare 1, NFC
RFID Reader	

Other

Communication interface	Ethernet/GSM, 4G
Language	English (Supports customising other languages)
Communication protocol	OCPP2.0.1
Cooling method	Air Cooled
Payment method	RFID / APP/ Credit card
EMC	Class A (industrial)
Protection	Overvoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection
Barrier design	Yes

Standards and Certification

Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118 etc...
Certifications	CE, TUV, RED, MID compliant

Volt Station 1280kW Powerbank

VS-C-1280DCPB

Description

The Volt Station 1280 kW DC Charger powered by integrated architecture delivers fast, reliable charging in a compact form factor. Its high-efficiency power module, wide voltage range, and smart thermal management make it ideal for commercial sites seeking dependable rapid charging. With OCPP-compliant connectivity, remote monitoring, and seamless payment integration, the Volt Station 1280 kW unit provides a robust, scalable solution for fleets, workplaces, and public charging environments, all wrapped in Volt Station's clean, modern brand.



Features



Economical & Efficient
Efficiency up to 96.3%



Safe & Reliable
IP55, optimized ventilation design, temperature difference within 6°C



Compact & Convenient
Small footprint, easy to transport and install.



Expandable & Modular
Can be configured from 960kW to 1280kW power



Wide Operating Window
Output voltage from 200V-1000V to suit a wide variety of vehicles



Noise Derating
Can modularly reduce the noise output so suit sensitive locations



Full Energy Management System
Fully integrates with the Volt Station system architecture



Easy O&M
Support multiple ways of operation and maintenance, including onsite, cloud

Specification

Powerbank

Rated Output Power	from 960kW to 1280kW
Input Voltage Range	400(±10%) @ 50 Hz
DC Output Voltage	200-1000V
Power Factor	0.99
THDI	≤5 %
Peak Efficiency	96.30%
Maximum Output quantity	16 connectors
	Lightning protection
	Emergency protection
	Overload protection
	Short-circuit protection
	Leakage protection
	Overcharge protection
	Over/Under voltage protection
	Reverse connection protection
	Over temperature protection
	≤2000 m
Protection	-25 °C to +50 °C (Full power)
Operational altitude	
Operating temperature	
Humidity	5 %-95 % Rh non-condensing
IP/IK degree	IP55/IK10
Dimension	W2300*D1100*H2100 mm
Weight	≤2000kg
Certificate	CE

Dispenser Unit

Output voltage	200~1000V
Rated output power	Up to 1000kW
Maximum current per connector	CCS2(Conventional cooling):350A(boost to 500A); CCS2(Liquid cooling):500A(boost to 600A)
Connector combination	350A+350A:500A+500A:500A+350A
Cable length	5m/7m(optional)
Screen	15" HD touchscreen
User Authentication	Credit Card, QR Code, RFID Card, Autocharge
Connectivity	Ethernet/GSM,4G
Language	English (Support customising other languages)
Barrier free design	Yes
Size	W450*D800*H2100 mm
Protection Level	IP55/IK10
Weight	≤270kg
Backend communication	OCPP 2.0.1
Evcommunication	DIN70121.ISO 15118
Standards	IEC 61851-1.IEC 61851-23.IEC 61851-21-2



Ready to power your future?

Contact us today to learn how Volt Station can be customised to fit your specific energy and charging needs.

Contact Us
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 **Valor Power**

