

Electric Vehicle Charging

Solutions for modern charging

Better Life. With Electricity.

Vitality EVC enables electric vehicle charging wherever people move. Our goal is to provide sustainable electric vehicle charging solutions with lifetime value for users, owners and operators

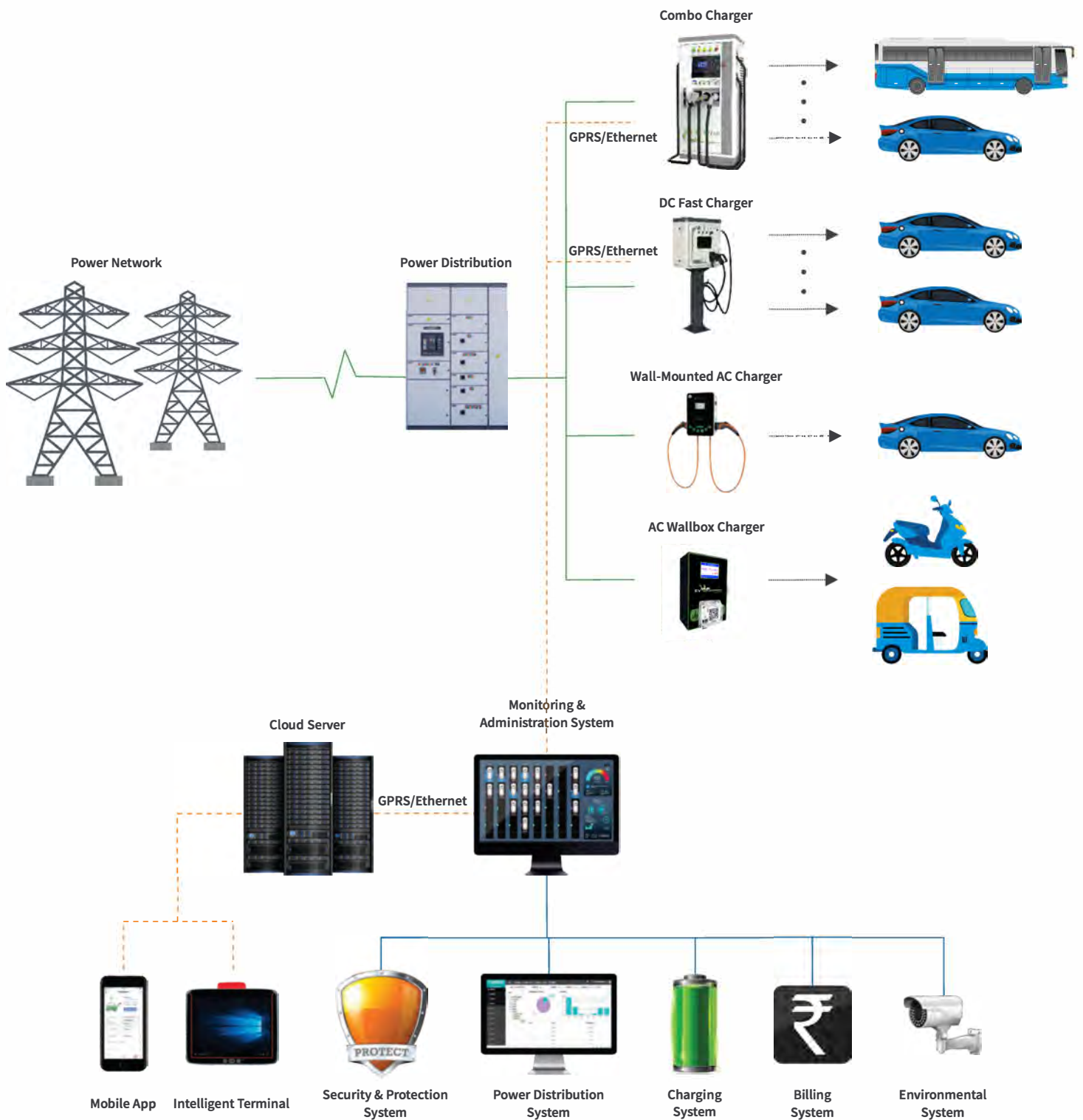
Visit us at www.vitalityevc.com



WHAT WE OFFER

" Transforming mobility through innovation "

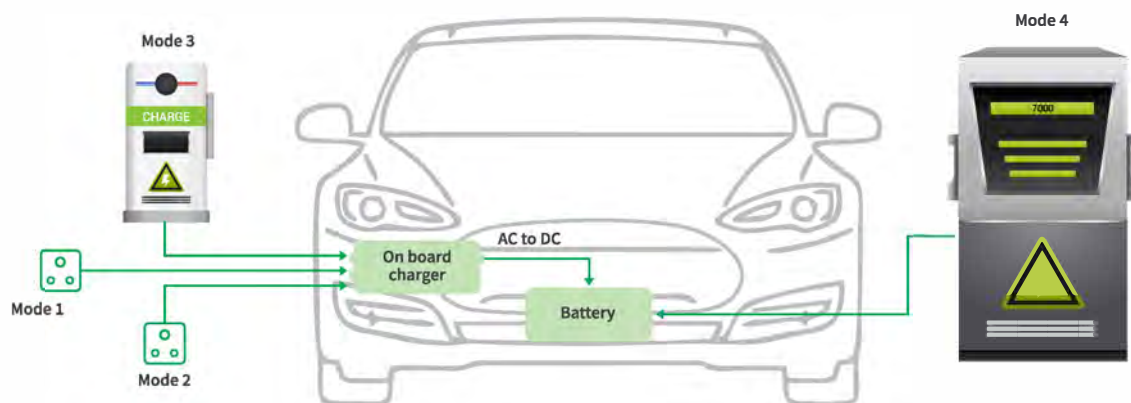
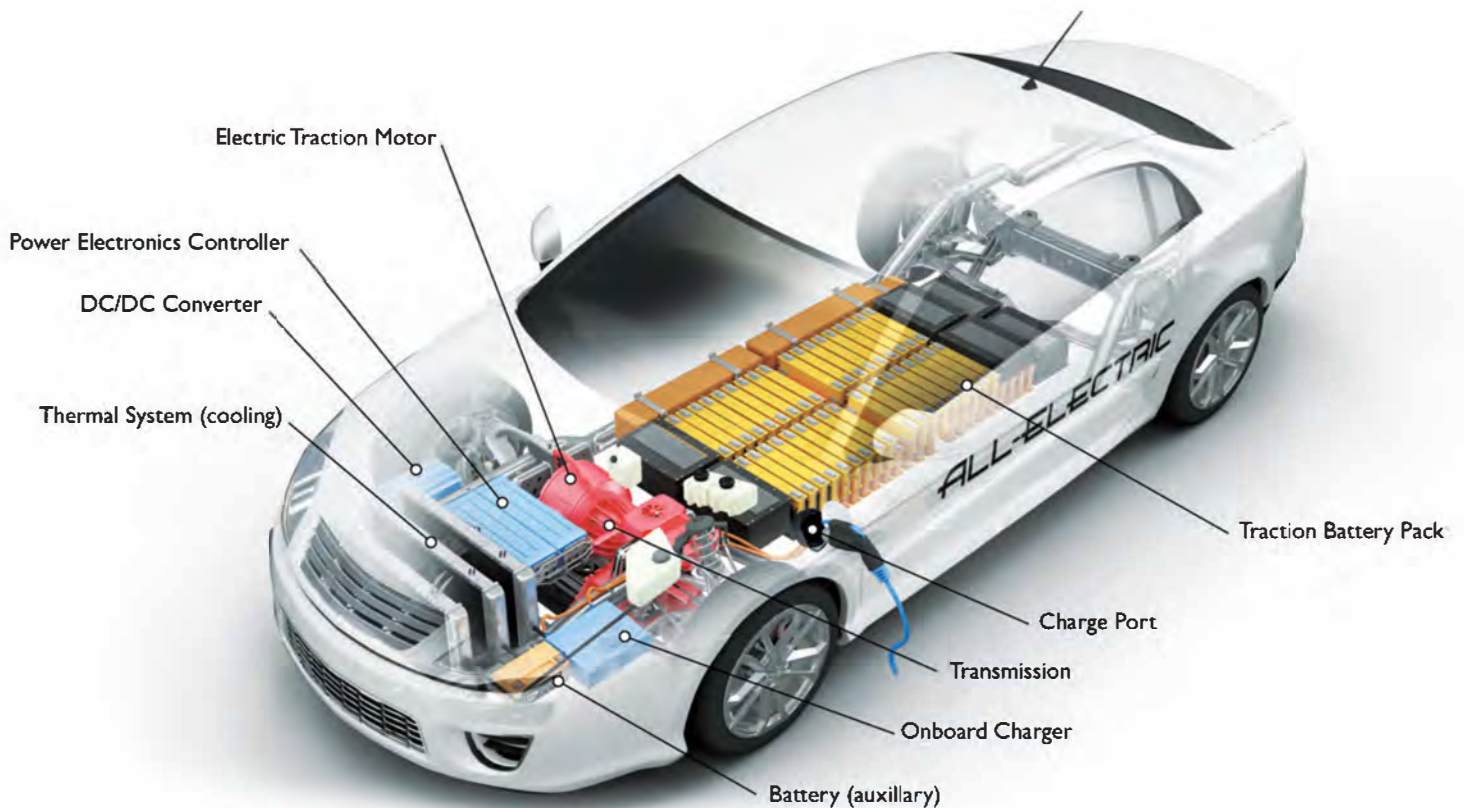
End to End EV Charging Solution



About Electric Vehicle

What is electromobility?

Electromobility or e-mobility is the use of electric cars, as well as e-bikes or pedelecs, electric motorbikes, e-buses and e-trucks. The common feature of all of them is that they are fully or partly driven electrically, have a means of storing energy on board, and obtain their energy mainly from the power grid. Electric cars are quiet, efficient and low-emission and have mainly been used to date in cities, where they're ideal for delivery services, taxis and car sharing.



EV Charging Applications



At home

A charging station for private use installed in the garage.



At residential complexes

A charging station for indoor or outdoor use, installed in a private parking place.



At work

More and more companies have started installing a charging station in their own parking areas.

Corporate fleets and the fleets of delivery services, and government department generally have started maintaining parking areas fully equipped to charge their electric vehicles.



In private parking area

To meet new customer demands, many operators of covered public parking areas have installed Charging stations which can be accessed with the QR code or RFID Card.



On street

Involved in new green mobility deployment, municipal corporations are maintaining the data of public charging stations in its vicinity, which allows EV users to easily navigate to the most feasible charging station for them. Charging station can generally be accessed with QR code or RFID card using smart phone. Local government bodies are also promoting electric vehicle sharing. Charging stations on streets shall be used by both car sharing services and EV users.



At vehicle assembly points

Passenger, Fleets, Operator vehicle's can be charged within 30 minutes using super fast chargers. Customers can take a break at a restaurant or go for shopping till their vehicle charges completely.



OUR PRODUCT RANGE

" Vitality EVC serves your business needs everywhere "



AC

Charging Stations



VAC 11kW - Vitality Home 1

Vitality's Domestic/Commercial AC Chargers advance EV compatibility at public charging sites. Its wall-mounted and modular design ensures cost-efficient installation and lifecycle maintenance. It also features built-in network connectivity for authentication and remote-control applications.



Specifications

Part Number	VAC 11kW
Power Input	
Input Rating	240 / 277 Vac; 60 Hz; Single-phase / L, N, PE
Power Factor	> 0.98
Efficiency	97%
Stand-by Consumption	< 10 W
Power Output	
Number of Output	1
Output Connector type	Type 1 Female EV Charging Plug (IEC 62196-2)
Output Current Rating	48 Amps (Maximum)
Output Power Rating	11kW
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection,
	Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	2.7" LCD screen
Support Language	English (other languages available upon request)
User Authentication	ISO/IEC 14443 Type A/B RFID and App based authentication
Communication	
Connectivity	OCPP 1.6 J
Network Interface	Cellular (4G), WIFI, Ethernet (Optional)
Mechanical Design	
Enclosure Protection	IP 65
Dimension (W x H x D)	360*272*90
Type Of Mounting	Wall – mount



VAC 22kW - Vitality Home 2

Vitality's Domestic/Commercial AC Chargers advance EV compatibility at public charging sites. Its wall-mounted and modular design ensures cost-efficient installation and lifecycle maintenance. It also features built-in network connectivity for authentication and remote-control applications.



Specifications

Part Number	VAC 22kW
Power Input	
Input Rating	240 / 277 Vac; 60 Hz; Single-phase / L, N, PE
Power Factor	> 0.98
Efficiency	97%
Stand-by Consumption	< 75 W
Power Output	
Number of Output	2
Output Connector type	Two Type 1 Female EV Charging Plugs (IEC 62196-2)
Output Current Rating	98 Amps (Maximum)
Output Power Rating	22kW
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection,
	Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	2.7" LCD screen
Support Language	English (other languages available upon request)
User Authentication	ISO/IEC 14443 Type A/B RFID and App based authentication
Communication	
Connectivity	OCPP 1.6 J
Network Interface	Cellular (4G), WIFI, Ethernet (Optional)
Mechanical Design	
Enclosure Protection	IP 65
Dimension (W x H x D)	458*1828*304
Type Of Mounting	Wall - mount





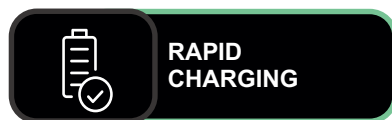
DC

Charging Stations

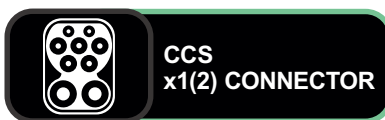


Product Features

- CCS1/2 charging outlet(s)
- 60-260kW DC rapid charging output
- RFID, App, VIN for user authentication
- 200-920 VDC output voltage range
- OCPP 1.6J compliant
- LCD screen/LED light
- Emergency stop button
- 4m charger cable,cable length can be customized
- Type 3R & IK10 protection
- Forced Air cooling/Liquid cooling
- Under and over voltage protection, over current protection, leakage protection, surge protection.



**RAPID
CHARGING**



**CCS
x1(2) CONNECTOR**



**DUAL
CHARGING**



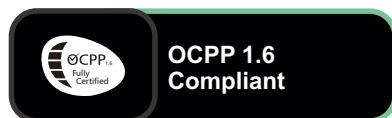
**2 YEAR
WARRANTY**



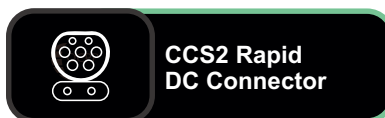
**COMMERCIAL
CHARGING**



**SPLIT POWER
OUTPUT**



**OCPP 1.6
Compliant**



**CCS2 Rapid
DC Connector**



IP Rated

VDC 60kW - KRATOS

Vitality's dual output DC Chargers advances EV compatibility at public charging sites. Its wall-mounted and modular design ensures cost-efficient installation and lifecycle maintenance. It also features built-in network connectivity for authentication and remote control applications.



Specifications



Part Number	VDC 60KW
Power Input	
Input Rating	240 / 277 Vac; 60 Hz; Single-phase / L1, L2, PE or L, N, PE 480 Vac; 60 Hz; Three-phase / L1, L2, L3, N, PE 208 Vac; 60 Hz; Three-phase / L1, L2, L3, PE
Power Factor	> 0.98
Current THD	Compliant with IEEE 519
Efficiency	94%
Stand-by Consumption	< 20 W
Power Output	
DC Output #1	SAE J1772 DC Level 2, 200-500 Vdc, 65 A max., 60 kW max.
DC Output #2	CHAdeMO, 50-500 Vdc, 65A max., 60 kW max.
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	2.7" LCD screen
Support Language	English (other languages available upon request)
Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Communication	
Connectivity	OCPP 1.6
Network Interface	Ethernet, Cellular
Environment	
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 6,500 ft. (2,000 m)
Mechanical Design	
Ingress Protection	Type 3R
Enclosure Protection	IK10 according to IEC 62262
Cooling	Forced air
Charging Cable Length	13 ft. (4 m)
Type Of Mounting	Ground mount (700 mm (L) X 600 mm (W))
Installation	
Instruction	Our Technical Expert will guide you

Note1 : Single output model is available.

Note2 : Specifications are subject to change without notice.



VDC 120kW - GAIA

Vitality's dual output DC Chargers advances EV compatibility at public charging sites. Its wall-mounted and modular design ensures cost-efficient installation and life-cycle maintenance. It also features built-in network connectivity for authentication and remote control applications.



Specifications



Part Number	VDC 120 KW
Power Input	
Input Rating	280 A, 192 kVA 480 VAC or 270 VAC +/- 10% (50 Hz or 60 Hz)
Power Factor	> 0.96
Current THD	Compliant with IEEE 519
Efficiency	94%
Stand-by Consumption	< 20 W
Power Output	
DC Output #1	120 KW (Max), 150 - 920Vdc
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	7" LCD high-contrast touchscreen
Support Language	English (other languages available upon request)
Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Communication	
Connectivity	OCPP 1.6
Network Interface	Ethernet, Cellular
Environment	
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 6,500 ft. (2,000 m)
Mechanical Design	
Ingress Protection	Type 3R
Enclosure Protection	IK10 according to IEC 62262
Cooling	Forced air
Charging Cable Length	13 ft. (4 m)
Type Of Mounting	Ground mount (1000 mm (L) X 600 mm (W))
Installation	
Instruction	Our Technical Expert will guide you

Note1 : Single output model is available.

Note2 : Specifications are subject to change without notice.



VDC 180kW - ZEUS

Vitality's dual output DC Chargers advances EV compatibility at public charging sites. Its wall-mounted and modular design ensures cost-efficient installation and lifecycle maintenance. It also features built-in network connectivity for authentication and remote control applications.



Specifications



Part Number	VDC 180 KW
Power Input	
Input Rating	280 A, 192 kVA 480 VAC or 270 VAC +/- 10% (50 Hz or 60 Hz)
Power Factor	> 0.96
Current THD	Compliant with IEEE 519
Efficiency	94%
Stand-by Consumption	< 20 W
Power Output	
DC Output #1	180 KW (Max), 150 - 920Vdc
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	7" LCD high-contrast touchscreen
Support Language	English (other languages available upon request)
Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Communication	
Connectivity	OCPP 1.6
Network Interface	Ethernet, Cellular
Environment	
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 6,500 ft. (2,000 m)
Mechanical Design	
Ingress Protection	Type 3R
Enclosure Protection	IK10 according to IEC 62262
Cooling	Forced air
Charging Cable Length	13 ft. (4 m)
Type Of Mounting	Ground mount (950 mm (L) X 800 mm (W))
Installation	
Instruction	Our Technical Expert will guide you

Note1 : Single output model is available.

Note2 : Specifications are subject to change without notice.



VDC 220kW - BIA

Vitality's dual output DC Chargers advances EV compatibility at public charging sites. Its floor-mounted and modular design ensures cost-efficient installation and life-cycle maintenance. It also features built-in network connectivity for authentication and remote control applications.

Specifications

Part Number	VDC 220kW
Power Input	
Input Rating	280 A, 192 kVA 480 VAC or 270 VAC +/- 10% (50 Hz or 60 Hz)
Power Factor	> 0.96
Current THD	Compliant with IEEE 519
Efficiency	94%
Stand-by Consumption	< 20 W
Power Output	
DC Output #1	CCS 2 connector, 459 A max, 220 kW (Max), 200 - 920Vdc
DC Output #2	CCS 2 connector, 459 A max, 220 kW (Max), 200 - 920Vdc
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	7" LCD high-contrast touchscreen
Support Language	English (other languages available upon request)
Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Communication	
Connectivity	OCPP 1.6
Network Interface	Ethernet, Cellular
Environment	
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 6,500 ft. (2,000 m)
Mechanical Design	
Ingress Protection	Type 3R
Enclosure Protection	IK10 according to IEC 62262
Cooling	Forced air
Charging Cable Length	13 ft. (4 m)
Type Of Mounting	Ground Mount
Installation	
Instruction	Our Technical Expert will guide you

Note1 : Single output model is available.

Note2 : Specifications are subject to change without notice.



VDC 260kW - PARVATI

Vitality's dual output DC Chargers advances EV compatibility at public charging sites. Its floor-mounted and modular design ensures cost-efficient installation and life-cycle maintenance. It also features built-in network connectivity for authentication and remote control applications.

Specifications

Part Number	VDC 260kW
Power Input	
Input Rating	280 A, 192 kVA 480 VAC or 270 VAC +/- 10% (50 Hz or 60 Hz)
Power Factor	> 0.96
Current THD	Compliant with IEEE 519
Efficiency	94%
Stand-by Consumption	< 20 W
Power Output	
DC Output #1	CCS 2 connector, 540 A max, 260 kW (Max), 200 - 920Vdc
DC Output #2	CCS 2 connector, 540 A max, 260 kW (Max), 200 - 920Vdc
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	7" LCD high-contrast touchscreen
Support Language	English (other languages available upon request)
Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Communication	
Connectivity	OCPP 1.6
Network Interface	Ethernet, Cellular
Environment	
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 6,500 ft. (2,000 m)
Mechanical Design	
Ingress Protection	Type 3R
Enclosure Protection	IK10 according to IEC 62262
Cooling	Forced air
Charging Cable Length	13 ft. (4 m)
Type Of Mounting	Ground Mount
Installation	
Instruction	Our Technical Expert will guide you

Note1 : Single output model is available.

Note2 : Specifications are subject to change without notice.



THANK YOU FUTURE IS *Here*



**If interested,
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