PLUG IN & CHARGE UP

EV CHARGING SERVICES CATALOG

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OUC
The *Reliable* One®

EV CHARGING SERVICES

OUC – The *Reliable* One offers turnkey solutions for businesses to install cost-effective electric vehicle (EV) charging stations on their properties with options ranging from a single unit for a storefront to multiple stations that can power an entire fleet. As EV adoption evolves in Central Florida, charging stations can help attract customers needing to charge up while on the go and also clearly indicate green business initiatives.

CHARGING STATION OPTIONS

CHARGE-IT

OUC Owns, Installs & Maintains Stations

You can receive EV charging services from OUC for a fixed monthly fee over a contracted period of time. The fee is based on specific characteristics of your site and the equipment type.

Key benefits include: Low upfront costs, full-service maintenance, scalable solutions, predictable monthly costs

OWN-IT

OUC Designs, Procures & Installs Stations

Upfront payment for the equipment and installation that OUC provides and you own it immediately. OUC Maintenance Services available at an additional charge.

Key benefits include: Immediate ownership, custom design and installation, increased property value, and sustainability leadership.

TYPES OF CHARGING LEVELS

A major differentiator for EV charging stations is the device's level of charging. Level 2 and Level 3 chargers are ideal for businesses.

LEVEL 2

This is the industry standard, most popular and cost-effective choice for typical businesses. It's ideal for customers who can leave their EV plugged in for a few hours while they're working or running errands around town, or for fleet vehicles looking to charge overnight.

LEVEL 3 (or DC Fast Charger)

This charger provides a quicker charge time than the Level 2. After only 30 minutes to an hour of charging, the Level 3 will charge a battery up to at least 80%. Level 3 charging installation typically requires more in-depth infrastructure changes than the installation of a Level 2, and thus can be more expensive.

EV CHARGING STATION BASICS

Body Style – Style options include Wall, Pedestal, Dual Wall and Dual Pedestal. Body style should be determined according to the location of charger and the number of charging ports needed.

Unit Power Rating – The energy needed to power the charging station, measured via volts, amps and kilowatts.

Charging Level – The power level provided by the charger related to charging time.

Number of Ports – One port equals one EV that can be charged. For example, a Level 2 charger with two ports can charge two EVs at one time.

Connector Type – The connector used to attach an EV charger to the vehicle. Any Level 2 stations that will be found in this catalog will have J1772 but not all use it (i.e., Tesla requires an adapter)

Cable Length – The length of the cable that connects the charger to the EV.

Standard Product Warranty Term – All stations come with at least a one-year warranty at no cost; however, additional coverage can be added.

Network Compatibility – Each type of charger may come with special functionality to enhance its user experience, including automatic software updates; remote start, scheduling and reminders via the ChargePoint mobile app; energy tracking and added mile estimation; energy savings tracking; integration with the ChargePoint network for drivers to track charging session data in one place.

Retractable Cord – A clean cord technology (retractable cord) to keep cords safely off the ground.

LEVEL 1 Charging

Wall Plug - SAE J1172
Alternating Current (AC)
120V

LEVEL 2 Charging

SAE J1172 Tesla HPWC
Alternating Current (AC)
208 - 240V

DC Fast Charging

CHAdeMO CCS Combo Tesla Supercharger
Direct Current (DC) / 400 - 1,000V


For Service, Contact OUC
at 407-434-2890
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VENDOR: AAB

MODEL: TERRA 94/124/184 UL DC

PRODUCT FEATURES	
Maximum Output Power	90kW 120kW, 180kW
Connector Types	CCS-1 and CHAdeMO
AC Input Connection	3-phase L1, L2, L3 GND (no neutral)
DC Output Current	CCS-1: 200A CHAdeMO: 200A Optional CCS1 300A (nominal) and 400A (peak) high current cables
User Interface	7" high brightness full color touchscreen display
Network Communication	GSM/3G/4G Modem OCPP 1.6
Protection Rating	NEMA 3R
Dimensions	74.8x22.2x34.6 in
Cable Length	6m (19.6 ft)

ABB1
SINGLE PORT

VENDOR: AAB

MODEL: TERRA 94/124/184 UL DC

PRODUCT FEATURES	
Maximum Output Power	90kW 120kW, 180kW
Connector Types	CCS-1 and CHAdeMO
AC Input Connection	3-phase L1, L2, L3 GND (no neutral)
DC Output Current	CCS-1: 200A CHAdeMO: 200A Optional CCS1 300A (nominal) and 400A (peak) high current cables
User Interface	7" high brightness full color touchscreen display
Network Communication	GSM/3G/4G Modem OCPP 1.6
Protection Rating	NEMA 3R
Dimensions	74.8x22.2x34.6 in
Cable Length	6m (19.6 ft)

ABB2
DUAL PORT

VENDOR: STARCHARGE

MODEL: TITAN

PRODUCT FEATURES	
Maximum Output Power	180kw
Connector Types	CCS-1+CCS-1 (simultaneous charging)
AC Input Connection	3-phases, 50/60Hz, L1, L2, L3, N, PE
DC Output Current	300A max./ connector
User Interface	10.4'' LCD Touch Panel
Network Communication	4G/WiFI/Ethernet / Open Charge Point Protocol (OCPP) 1.6j
Protection Rating	NEMA 3R
Dimensions	2.62x6.73x2.46' (excludes cable management)
Cable Length	16.4' or 23' (optional)

VENDOR: STARCHARGE

MODEL: VENUS

PRODUCT FEATURES	
Maximum Output Power	30Kw
Connector Types	CCS-1
AC Input Connection	3-phases, 50/60Hz, L1, L2, L3, N, PE
DC Output Current	100A max.
User Interface	7” touch screen
Network Communication	4G/WiFI/Ethernet / OCPP 1.6j
Protection Rating	NEMA 3R
Dimensions	2.23x1.44x0.94 in
Cable Length	16.4’

VENDOR: NOVACHARGE

MODEL: NC30DC LEVEL-3 EV WALLBOX

PRODUCT FEATURES	
Maximum Output Power	150Vdc – 950Vdc
Connector Types	CCS (1&2) and CHAdeMO
DC Output Current	65A max.
User Interface	5" LCD Screen
Network Communication	4G/WiFI/Ethernet / OCPP 1.6j
Protection Rating	NEMA 3R
Dimensions	23.6 x 23.6 x 10.2
Cable Length	13'

VENDOR: BTC POWER

MODEL: GEN4 180KW DC CHARGER

PRODUCT FEATURES	
Maximum Output Power	180kw (CCS-1) 100Kw (CHAdeMO)
Connector Types	CCS-1 and CHAdeMO
AC Input Connection	3-Phase L1, L2, L3, PE
DC Output Current	500A max. (CCS-1) 200a max. (CHAdeMO)
User Interface	15” or 32” LCD Screen
Network Communication	4G/WiFI/Ethernet / OCPP 1.6j
Protection Rating	NEMA 3R
Dimensions	87.44” x 52.4” x 32.2”
Cable Length	13’

VENDOR: NOVACHARGE

MODEL: NC8000 / LEVEL 2

PRODUCT FEATURES	
Maximum Output Power	7.68Kw (240VAC@32A), 9.6Kw (240VAC@40A), 19.2Kw (240VAC@80A)
Connector Types	SAE J1772 Type-1
AC Input Connection	208/240VAC, Single/ Split Phase
DC Output Current	Max 32A, Max 40A, Max 80A
User Interface	116x8.5x37mm OLED 20x2
Network Communication	4G-LTE, 5G Future-Proof, OCPP 1.6j
Protection Rating	NEMA 4 (32A & 40A), NEMA3R (80A)
Dimensions	11.14x7.56x3.11 (32A/40A), 14.1x10.6x5.5 (80A)
Cable Length	25ft (Heavy Duty) or 18ft (Optional)

For more information on electric vehicles, visit

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or
407-423-9018

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