# Smart EV Charging Program—Approved Charging Port Vendors

**TEP**
Tucson Electric Power

## LEVEL 2 CHARGING

Level 2 charging is commonly used in workplace and residential installations. It provides a full charge on most electric vehicles in under 8 hours. Note that most vehicles will reach a full charge much faster, as they begin with some remaining battery charge. All Level 2 devices are equipped with J1772 connectors, which makes them suitable for charging all retail market electric vehicles. However, some vehicles may require use of an adapter that is provided by the manufacturer.

| Hardware | | | | | Software | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Name | Make | Model | Max Output Power | ENERGY STAR® | Single or Dual Port | Network[1] | Remote Management Software[2] | Remote Management Features[3] | Driver App |
| AmpUp | EVBox | Iqon | 7.2 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | AmpUp Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates<br>• Driver waitlist | AmpUp |
| | JuiceBar | JuiceBar 32 | 7.2 kW | No | | | | | |
| | JuiceBar | JuiceBar 40 | 9.6 kW | No | | | | | |
| | JuiceBar | JuiceBar 48 | 11.5 kW | No | | | | | |
| | BTCPower | L2 | 7.2 kW | Yes | | | | | |
| | BTCPower | L2 | 9.6 kW | Yes | | | | | |
| | Power Charge | EXXXN | 7.2/9.6 kW | Yes | | | | | |
| | EvoCharge | EVO32 | 7.7 kW | No | | | | | |
| | EvoCharge | EVSE/iEVSE/iEVSE Plus | 7.2-7.6 kW | No | | | | | |
| | BreezEV | EVC-L2 | 11.2 kW | No | | | | | |
| | Wallbox | Pulsar Plus | 11.5 kW | Yes | Single | | | | |
| ChargePoint | ChargePoint | CPF50 | 12 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | ChargePoint Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates<br>• Driver waitlist | ChargePoint |
| | ChargePoint | CT4000 | 7.2 kW | | | | | | |
| Enel X | Enel X | JuiceBox/Pedestal | 7.7 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | JuiceNet Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates | JuicePass Enterprise |
| | Enel X | JuiceBox/Pedestal | 9.6 kW | Yes | | | | | |
| | Enel X | JuiceBox/Pedestal | 11.5 kW | Yes | | | | | |
| EV Connect | EVBox | Business Line | 7.4 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | EV Connect Cloud Platform | • Station status monitoring<br>• Access control<br>• Flexible payment rates | EV Connect |
| | BTCPower | L2 | 7.2 kW | Yes | | | | | |
| | BTCPower | L2 | 9.6 kW | Yes | | | | | |
| | EvoCharge | iEVSE | 7.2 kW | Yes | | | | | |
| Shell Recharge Solutions | EVBox | Business Line | 7.4 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | Shell Recharge Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates | Shell Recharge Network |
| | BTCPower | L2 | 7.2 kW | Yes | | | | | |
| | BTCPower | L2 | 9.6 kW | Yes | | | | | |
| | Philong | AW32 | 7.7 kW | Yes | | | | | |
| | Philong | AX48 | 11.5 kW | Yes | | | | | |
| | EvoCharge | iEVSE | 7.2 kW | Yes | | | | | |

| Hardware | | | | | Software | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Name | Make | Model | Max Output Power | ENERGY STAR® | Single or Dual Port | Network[1] | Remote Management Software[2] | Remote Management Features[3] | Driver App |
| OpConnect | ClipperCreek | HCS-XO-N-C | 7.2 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | OpConnect Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates<br>• Driver waitlist | OpConnect |
| | ClipperCreek | HCS-60 | 11.5 kW | Yes | | | | | |
| | ClipperCreek | HCS-80 | 15.3 kW | Yes | | | | | |
| | ClipperCreek | HCS-100 | 19.2 kW | Yes | | | | | |
| | BTCPower | L2P | 7.2/9.6/15.3 kW | Yes | | | | | |
| | Lite On | SC3 | 7.2 kW | Yes | | | | | |
| | Lite On | IC3 | 7.2 kW | Yes | | | | | |
| Flo | Flo | Core+ | 7.2 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | Flo | • Station status monitoring<br>• Access control<br>• Flexible payment rates | Flo |
| | Flo | SmartTwo | 7.2 kW | Yes | | | | | |
| Volta | BTCPower | eBox Professional | 12 kW | Yes | Single | 4G-LTE and Wi-Fi | Volta | N/A | Volta |
| | BTCPower | L2 | 9.6 kW | Yes | Single/Dual | | | | |
| | ClipperCreek | HCS-50 | 9.6 kW | Yes | | | | | |
| | ClipperCreek | HCS-60 | 11.5 kW | Yes | | | | | |
| EVgo | Lite On | IC3 | 7.2 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | EVgo | • Station status monitoring<br>• Access control<br>• Flexible payment rates | EVgo |
| | IoTecha | CCSACL2 | 19.2 kW | No | | | | | |
| ChargeLab | Delta | AC Max | 11.5/19.2 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | ChargeLab | • Station status monitoring<br>• Access control<br>• Flexible payment rates | ChargeLab |
| | EVBox | Iqon | 7.2 kW | Yes | | | | | |
| | Philong | AW32 | 7.7 kW | Yes | | | | | |
| | Philong | AX48 | 11.5 kW | Yes | | | | | |
| | Siemens | VersiCharge | 11.5 kW | No | | | | | |
| Blink | Blink | IQ200 | 7.7-19.2 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | Blink | • Station status monitoring<br>• Flexible payment rates | Blink |
| | Blink | MQ200 | 7.7-12 kW | Yes | | | | | |
| EVPassport | Philong | Ezra | 7.6 kW | No | Single | 4G-LTE and Wi-Fi | EVPassport | • Station status monitoring<br>• Access control<br>• Flexible payment rates | EVPassport |
| | IoTecha | Howard | 19.2 kW | No | | | | | |
| Zevtron | EVSE LLC | 3704 | 9.6 kW | No | Single/Dual | 4G-LTE and Wi-Fi | Zevtron | • Station status monitoring<br>• Access control<br>• Flexible payment rates | Zevtron |
| | BTCPower | L2P | 7.2/9.6/11.5/15.3 kW | Yes | | | | | |
| Rivian | Rivian | Waypoints | 11.5 kW | Yes | Single/Dual | 4G-LTE and Wi-Fi | Rivian | • Station status monitoring<br>• Access control<br>• Flexible payment rates | Rivian |

[1] 4G-LTE may be provided through an optional modem; please confirm with the vendor that the modem is included when requesting pricing.

[2] Remote management provides the site owner or manager an online portal to monitor station usage and control access.

[3] This is not a comprehensive list of software features, but includes those that most site owners seek.

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## DC FAST CHARGING

DC fast charging is typically located along major transportation routes and in short-duration parking locations. The rate of charging varies considerably according to the power output of the charger and the vehicle's ability to support fast charging. More and more vehicles are supporting fast charging, and many can achieve an 80% charge in under 30 minutes. All DC fast charge devices can be equipped with CCS Combo 2 and CHAdeMO connectors. This makes them suitable for charging any retail market vehicle with fast charging capability, though some vehicles may require use of an adapter that is sold by the manufacturer.

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| Hardware | | | | | Software | | | |
|---|---|---|---|---|---|---|---|---|
| Name | Make | Model | Max Output Power | Connector Types | Network[1] | Remote Management Software[2] | Remote Management Features[3] | Driver App |
| AmpUp | BTCPower | L3R | 100 kW | CCS1/2 and CHAdeMO | 4G-LTE and Wi-Fi | AmpUp Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates<br>• Driver waitlist | AmpUp |
| ChargePoint | ChargePoint | CPE250 | 62.5 kW | CCS1/2 and CHAdeMO | 4G-LTE and Wi-Fi | ChargePoint Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates<br>• Driver waitlist | ChargePoint |
| Enel X | Enel X | Juice Pump 50 kW | 50 kW | CCS1 and CHAdeMO | 4G-LTE and Wi-Fi | JuiceNet Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates | JuicePass Enterprise |
| | | JuicePump 175 kW | 175 kW | | | | | |
| | | JuicePump 100/150/200/350 | 350 kW | | | | | |
| EV Connect | ABB | Terra 53/54 | 50 kW | CCS1/2 and CHAdeMO | 4G-LTE and Wi-Fi | EV Connect Cloud Platform | • Station status monitoring<br>• Access control<br>• Flexible payment rates | EV Connect |
| | | Terra 175 HP | 175 kW | | | | | |
| | BTCPower | L3-50 | 50 kW | | | | | |
| | | L4T-100, 150, 200 | 200 kW | | | | | |
| | | L4D-350 | 350 kW | | | | | |
| | Tritium | Veefil RTTRI93 | 50 kW | | | | | |
| | Freewire | Boost | 150 kW | | | | | |
| Shell Recharge Solutions | ABB | Terra 53/54 | 50 kW | CCS1 and CHAdeMO | 4G-LTE and Wi-Fi | Shell Recharge Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates | Shell Recharge Network |
| | | Terra 175 HP | 175 kW | | | | | |
| | BTCPower | L3-50 | 50 kW | | | | | |
| | | L4T-100, 150, 200 | 200 kW | | | | | |
| | | L4D-350 | 350 kW | | | | | |
| | Tritium | Veefil RTTRI93 | 50 kW | | | | | |
| | Philong | DS 60 | 60 kW | | | | | |
| | | DS 90 | 90 kW | | | | | |
| | | DS 120 | 120 kW | | | | | |
| | | DS 150 | 150 kW | | | | | |
| | | DS 180 | 180 kW | | | | | |
| | Freewire | Boost | 150 kW | | | | | |

| Hardware | | | | | Software | | | |
|---|---|---|---|---|---|---|---|---|
| Name | Make | Model | Max Output Power | Connector Types | Network[1] | Remote Management Software[2] | Remote Management Features[3] | Driver App |
| OpConnect | ABB | Terra 54 CI | 50 kW | CCS1/2 and CHAdeMO | 4G-LTE and Wi-Fi | OpConnect Network | • Station status monitoring<br>• Access control<br>• Flexible payment rates<br>• Driver waitlist | OpConnect |
| | | Terra 94 CI | 90 kW | | | | | |
| | | Terra 124 CI | 120 kW | | | | | |
| | | Terra 184 CI | 180 kW | | | | | |
| | BTCPower | L3R | 50 kW | | | | | |
| | | L3R | 100 kW | | | | | |
| Flo | SmartDC | V3 | 50 kW | CCS1/2 and CHAdeMO | 4G-LTE & Wi-Fi | Flo | • Station status monitoring<br>• Access control<br>• Flexible payment rates | Flo |
| | | V4 | 100 kW | | | | | |
| EVgo | ABB | Terra 54 CI | 50 kW | CCS1/2 and CHAdeMO | 4G-LTE & Wi-Fi | EVgo | • Station status monitoring<br>• Access control<br>• Flexible payment rates | EVgo |
| | | Terra 184 CI | 180 kW | | | | | |
| | Delta | City Charger | 100 kW | | | | | |
| | | City Charger | 200 kW | | | | | |
| Volta | BTCPower | Modular HPC System | 100/150/200/350 kW | CCS1/2 and CHAdeMO | 4G-LTE & Wi-Fi | Volta | N/A | Volta |
| ChargeLab | ABB | Terra 54 CI | 50 kW | CCS1/2 and CHAdeMO | 4G-LTE & Wi-Fi | ChargeLab | • Station status monitoring<br>• Access control<br>• Flexible payment rates | ChargeLab |
| | | Terra 94 CI | 90 kW | | | | | |
| | | Terra 124 CI | 120 kW | | | | | |
| | | Terra 184 CI | 180 kW | | | | | |
| | Philong | DS 60 | 60 kW | | | | | |
| | | DS 90 | 90 kW | | | | | |
| | | DS 120 | 120 kW | | | | | |
| | | DS 150 | 150 kW | | | | | |
| | | DS 180 | 180 kW | | | | | |
| | Tritium | RTM 50 | 50 kW | | | | | |
| | | RTM 75 | 75 kW | | | | | |
| Blink | Tritium | RTM 50 | 50 kW | CCS1/2 and CHAdeMO | 4G-LTE & Wi-Fi | Blink | • Station status monitoring<br>• Flexible payment rates | Blink |
| | | RTM 75 | 75 kW | | | | | |
| | Tellus | A460 | 60 kW | | | | | |
| | | A4120 | 120 kW | | | | | |
| | | LEV5 | 180 kW | | | | | |
| | ABB | Terra 184 CI | 180 kW | | | | | |
| Zevtron | BTCPower | L3R | 50 kW | CCS1/2 and CHAdeMO | 4G-LTE & Wi-Fi | Zevtron | • Station status monitoring<br>• Access control<br>• Flexible payment rates | Zevtron |
| | | L3R | 100 kW | | | | | |
| | | Modular HPC System | 100/150/200/350 kW | | | | | |

[1] 4G-LTE may be provided through an optional modem; please confirm with the vendor that the modem is included when requesting pricing.
[2] Remote management provides the site owner or manager an online portal to monitor station usage and control access.
[3] This is not a comprehensive list of software features, but includes those that most site owners seek.