

# The OpConnect Electric Vehicle Charging System®

## The Mark IIC

The OpConnect Electric Vehicle Charging System® is a complete end-to-end electric vehicle charging solution that includes charging stations, a robust wireless communications network, back-office data management, flexible billing solutions and mobile phone applications.



## A Cleaner, Smarter, Greener Future™

### Benefits



#### Open Access

Integrated Credit Card Reader  
Supports Open Standards  
User-Friendly 15" Touchscreen



#### Reliable

Warranty  
Remote Station Monitoring  
Customer Support



#### Smart Analysis

Five-minute interval data monitoring  
Remote monitoring dashboards  
Track energy usage



#### Secure

128-bit AES Encryption  
PCI Compliant  
Integrated surveillance camera



#### Flexible ROI

Multiple Business Models  
Advertising Opportunities  
Set pricing and usage



#### Convenient

Smart phone App | SMS | Web  
Reservations | Location Mapping  
Cord Management System



Scan the QR code on the left to watch our video or go to: [bit.ly/opconnectev](http://bit.ly/opconnectev)



## OpConnect Mark IIC Specifications

Electrical Power		Single Port	Dual Port
Input Power		240VAC 60Hz	240VAC 60Hz
Input Power Connections		Pedestal & Wall: 30 amp, 4-wire circuit, Single phase	Pedestal & Wall: 60 amp, 4-wire circuit, Single phase
Required Service Panel Breaker		30 amp	60 amp
Charging Output		5.8kW per port (240 volts, 24 amps)	
User Touchpoints			
EV Connector		SAE J1772™ per port	
EV Connector Cable (Length)		18 feet per charging cable	
Cord Management		Retracts charging cord to station body; includes customer-facing docking ports for charge connectors	
Integrated Display		15" full color touchscreen; high resolution 768x1280p; 170-degree visibility range; sunlight readable screen	
Credit Card Reader		3-track magnetic strip, weatherproofed with conformal coating of electronics, sealed and extended operating temperature	
Safety and Connectivity Features			
Ground Fault Detection		5mA CCID with auto retry	
Charge Plug Disconnect		Power terminated to SAE J1772™	
Power Measurement Accuracy		+/- 3% from 3% to full scale (32A)	
Real Time Network Status		Five-minute intervals	
Wireless Network Group		Hub to Node Ratio = 20; Hub/Node Networking up to 100' in urban environments	
Local Area Network		Wi-Fi; up to 100ft separation with line of site between stations and Hub	
Wide Area Network		3G GSM, 3G CDMA	
Safety and Operational Ratings			
Enclosure Rating		NEMA 3S per 250-1997, IP44 per IEC 60529	
Safety Compliance		UL Standards Compliance: UL 2594, 2231-1, 2231-2	
Operating Temperature		-30°C to +60°C ( -22°F to 140°F)	
Operating Humidity		Up to 95%	
Open Standards Compliance		Support open standards (OCPP, Open ADR)	
Surveillance Camera		Focusing range: 60cm to Infinity; Fov(H): 72degrees	
Network Specs			
Network Security		128-bit AES Encryption	
Data Protection		PCI Compliant, no user or credit card data stored is stored on EVSE	
Software Updates		Over-The-Air Upgradeable	
Other		Pedestal Unit	Wall Unit
Approximate Shipping Weights		73lbs (103lbs with CMS)	56lbs (86lbs with CMS)
Dimensions		65" x 13.5" x 8" (height is 71.5" with CMS)	24" x 13.5" x 8"
Color		Oil Rub Bronze	
Quality Management		ISO9001	
EMI Compliance		FCC Part 15 Class A	
Patents		U.S. Patents 8,493,025 and 8,604,750; other patents pending	
Warranty		One Year Warranty; Extensions Available	
Payment Methods		Visa, Mastercard, Discover, AMEX, Debit Cards, OpConnect Card, Wright Express Fleet Card®; Phone Number; Email; Mobile App	
Customer Support		Toll-free phone number (1-855-885-9571) and email (support@opconnect.com)	



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