

# Credit card reader option for Pow-R-Station electric vehicle charging station



## Product family overview

The electric vehicle (EV) revolution is here, and with it the need for a robust and accessible EV charging infrastructure. Eaton meets that need with a family of EV charging stations specifically designed for use in the places where people work, shop, and play.

Available as an option is the ePort® EDGE™ from USA Technologies—the number one supplier of point-of-sale (POS) systems in the United States for unattended retail. The ePort EDGE accepts payment from all major credit cards, and USA Technologies handles the entire transactional process, via the ePort Connect® service package—a PCI-compliant, end-to-end suite of cashless payment and telemetry services specially tailored to fit the needs of the self-service retail industries. The ePort Connect encompasses card processing services, wireless connectivity, online sales reports, customer support, settlement, data security, over-the-air updates, and machine health alerts.

## Product description

The ePort EDGE credit/debit card reader provides users with a secure and intelligent solution to their payment needs associated with EV charging. When equipped on Eaton's Pow-R-Station family of EV charging stations, charging commences after the user's selection of a pre-defined charge session end time and the authorization of payment. Charging continues until either the pre-defined session has expired or the user cancels the session. All transactional data for the unit will be recorded and securely accessible via the Web. The ePort EDGE features a 16-character, 2-line LCD display, an LED indicator for transaction status, and an END button to complete or cancel transactions.

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**Standard features**

- Transaction and sales reporting through the USALive website
- Mag stripe only supporting all major credit cards
- Remote, over-the-air (OTA) update of software
- Bright, flashing blue attract LEDs

**Standards compliance**

- CSA,® UL,® FCC, PTCRB

**USALive®**

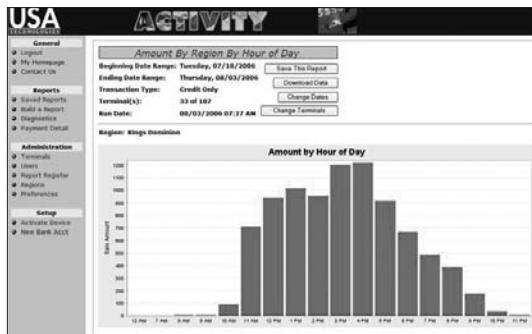


Figure 1. Sales Reporting for Account Management



Figure 2. Transaction Reporting Cash and Cashless



Figure 3. Settlement, Driver Accountability, and Audit

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 Printed in USA  
 Publication No. TD0EV00006E / Z10825  
 March 2011



**Table 1. Technical Specifications**

Description	
Credit card processing	All major credit cards
Security	PCI-DSS, VISA CISP, PTCRB, Trustwave® information security and compliance
Reporting	USALive website for transaction and sales
Software updates	Remote, over-the-air (OTA)

**Table 2. Physical and Environmental Specifications**

Description	
Dimensions H x W x D inches (mm)	4.17 x 3.34 x 1.72 (105.9 x 84.8 x 43.7)
Status indicators	16 x 2 (character x line) LCD display and LED indicator for transaction status
Pushbuttons	END button to complete or cancel transactions
Temperature—operating	-20 to +70°C

**Table 3. Communications Specifications**

Description	
Cellular	GSM/CDMA (independent of EVSE charge session data communication)
Antenna	Integrated

**Table 4. Default Payment Configuration**

Description	
1 hour	\$0.50
2 hours	\$1.00
3 hours	\$1.50
4 hours	\$2.00
5 hours	\$2.50
6 hours	\$3.00
Y hours	\$0.5Y, where Y is an integer value between 1 and 24

**Note:** To change hour increments or rates, call USA Technologies Tech Services at 888-561-4748.

**Product activation**

In order to begin collecting revenue through the ePort EDGE, the owner of the charging station must complete and submit the ePort Connect Services Agreement, the Electronic Funds Transfer Authorization form, and the ePort Registration/Activation form to USA Technologies Customer Service team. Following registration (typically one to two business days), the station will be capable of processing credit/debit transactions, and the owner will receive log-in information to the USALive website.



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