

# Outdoor Charging Stations

## Wall-Mount

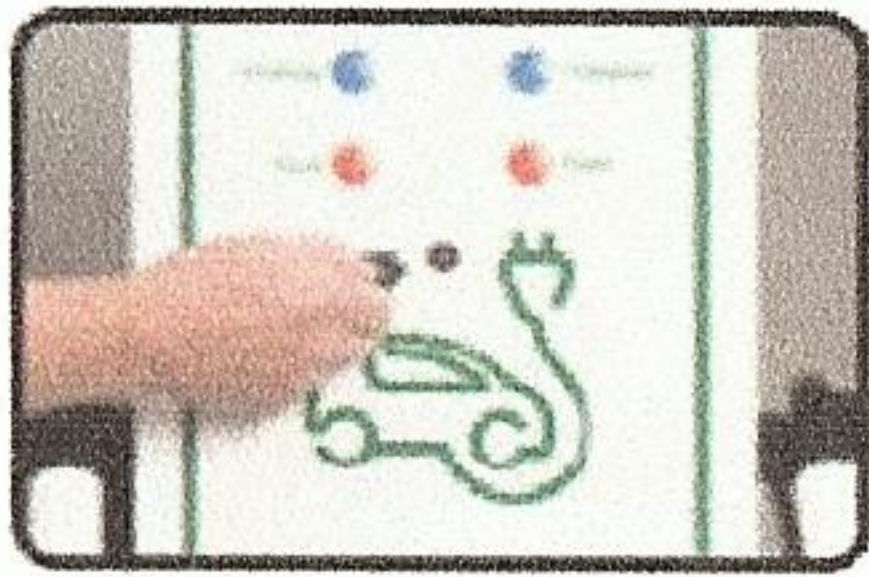
### Features

**Interface:**

- Power status
- Charge indicator
- System detected fault indicator

**Authentication:**

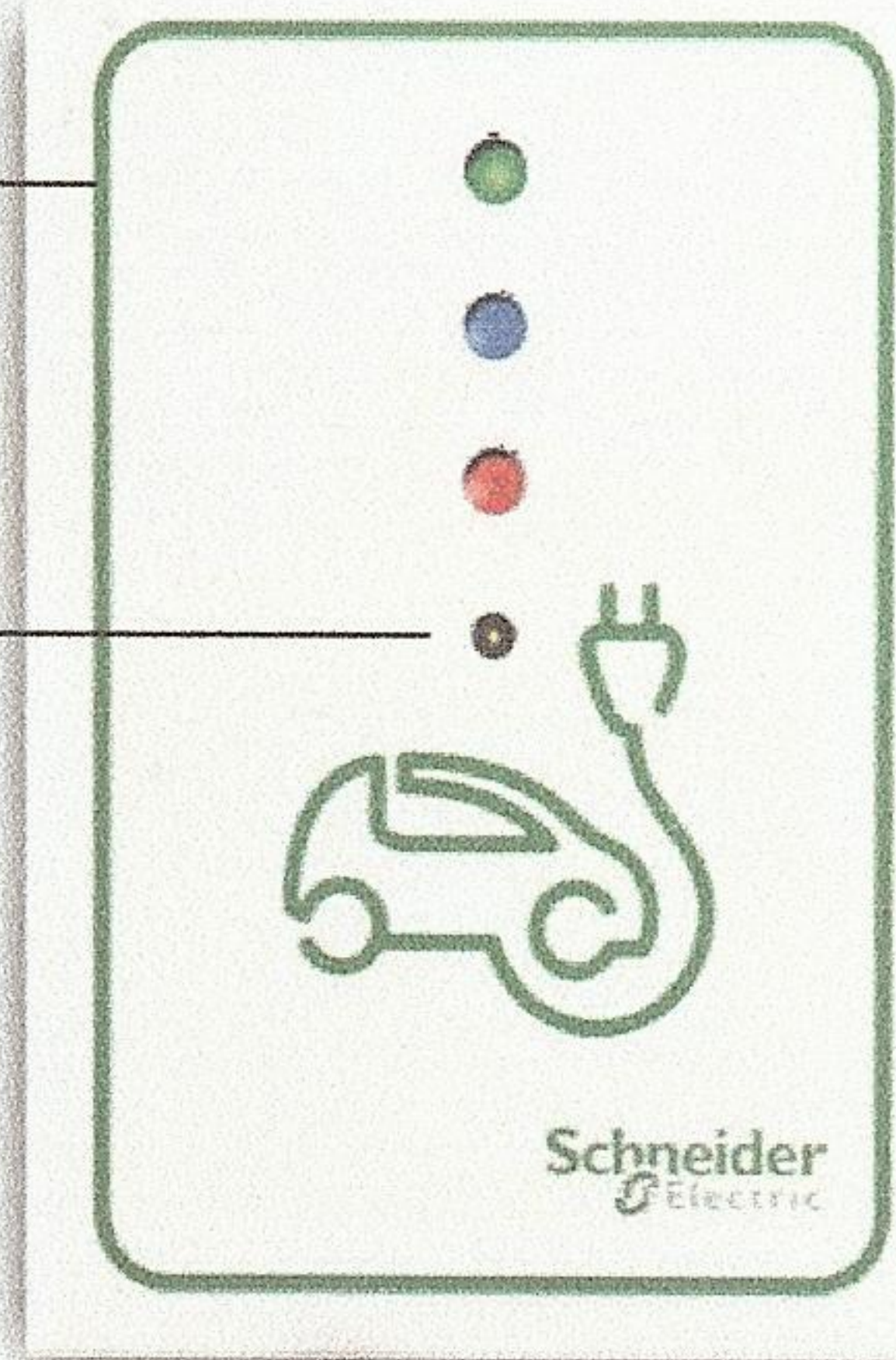
- Localized RFID solution (optional)  
(no communications cable needed)



Key fob Authentication

**Cable Holder:**

- Supports and helps organize the cable
- Independently mounted from enclosure



**Protection:**

- Integral Ground Fault Protection at 5 mA
- Ground fault function tested before each charge cycle begins
- Auto restart after ground fault or main power loss

**Enclosure:**

- Metallic enclosure
- Indoor/outdoor wall-mount



**Connector and Cord:**

- Complies with SAE J1772
- Cable length: 18 ft. (5.5 meter)

Outdoor Charging Station (Wall-Mount)  
Residential and Commercial Applications

EPRI Edgemont Precision Rebuilders, Inc  
Matlack Industrial Center  
207 Carter Dr Unit C  
West Chester, PA 19382  
800-356-3774

### Catalog Numbers

Table 3: Outdoor Charging Stations—Wall-Mount

Catalog Number	Output Voltage System	Output Current	Mounting Type	Charging Units	Application	Features
EV230WSR <sup>1</sup>	208–240 Vac	30 A	Wall	Single	Indoor/Outdoor	—
EV230WSRR <sup>1</sup>	208–240 Vac	30 A	Wall	Single	Indoor/Outdoor	RFID (non-networked)

<sup>1</sup> Availability to be announced Q1, 2011.



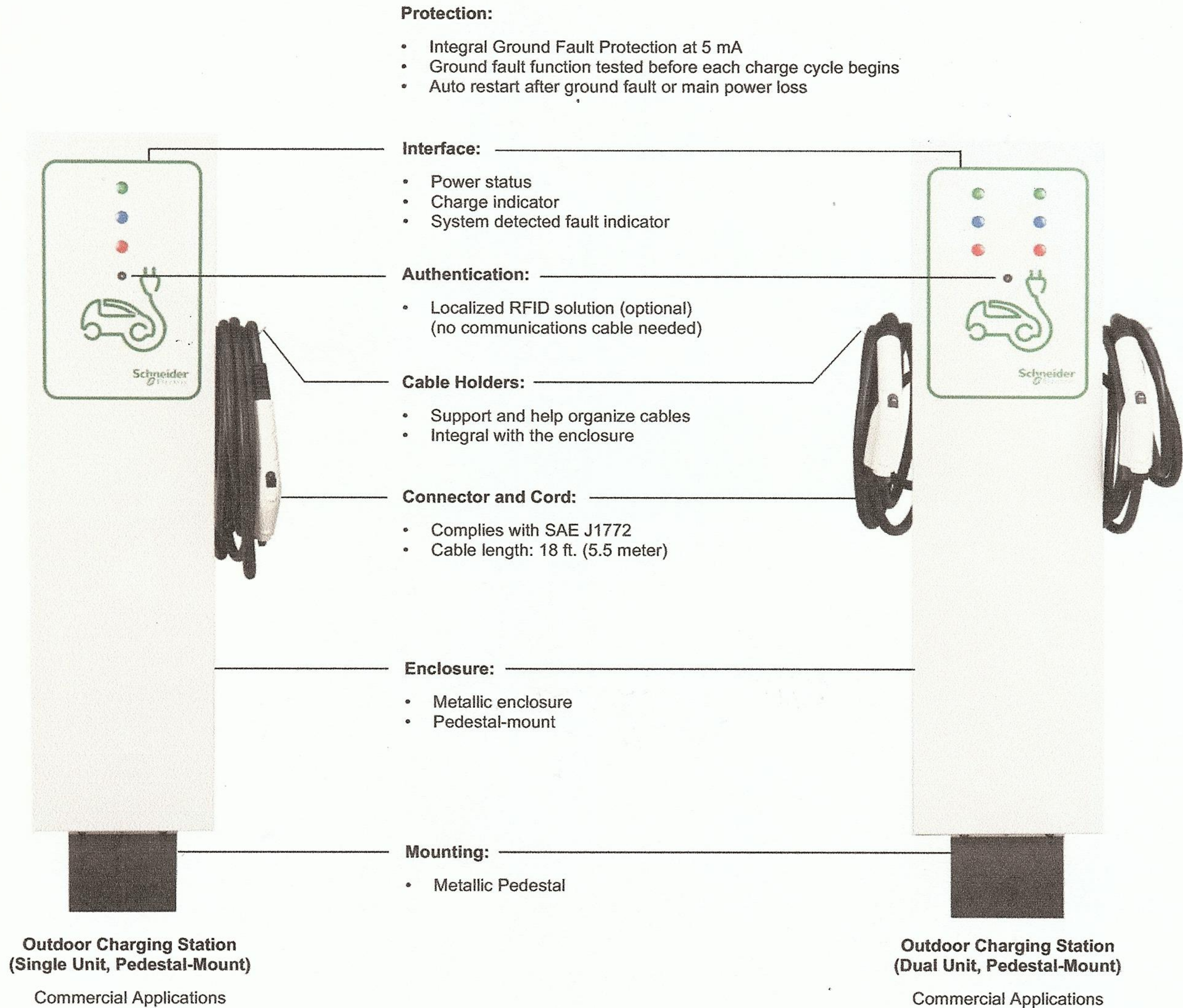
# Electric Vehicle Charging Solutions

## Outdoor Charging Stations

### Pedestal-Mount

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 800-356-3774

### Features



### Catalog Numbers

Table 4: Outdoor Charging Stations—Pedestal-Mount

Catalog Number	Output Voltage System	Output Current	Mounting Type	Charging Units	Application	Authentication
EV230PSR <sup>1</sup>	208–240 Vac	30 A	Pedestal	Single	Outdoor	—
EV230PDR <sup>1</sup>	208–240 Vac	30 A	Pedestal	Dual	Outdoor	—
EV230PSRR <sup>1</sup>	208–240 Vac	30 A	Pedestal	Single	Outdoor	RFID (non-networked)
EV230PDRR <sup>1</sup>	208–240 Vac	30 A	Pedestal	Dual	Outdoor	RFID (non-networked)

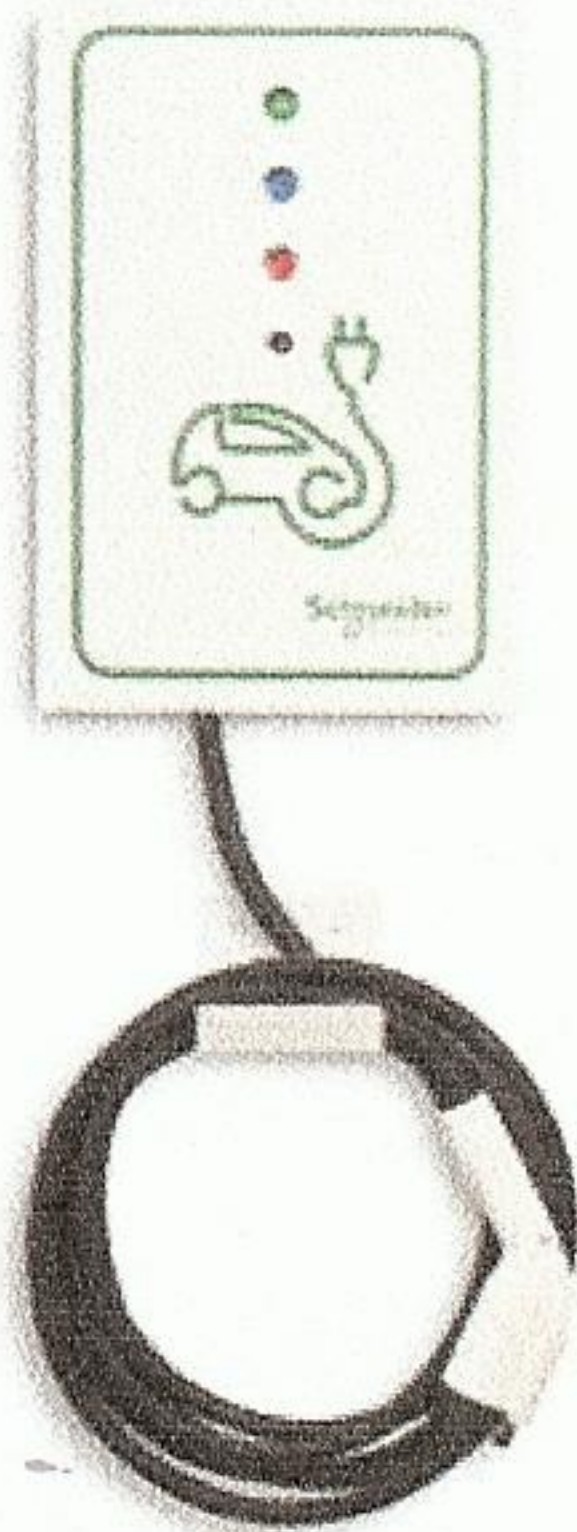
<sup>1</sup> Availability to be announced Q1, 2011.



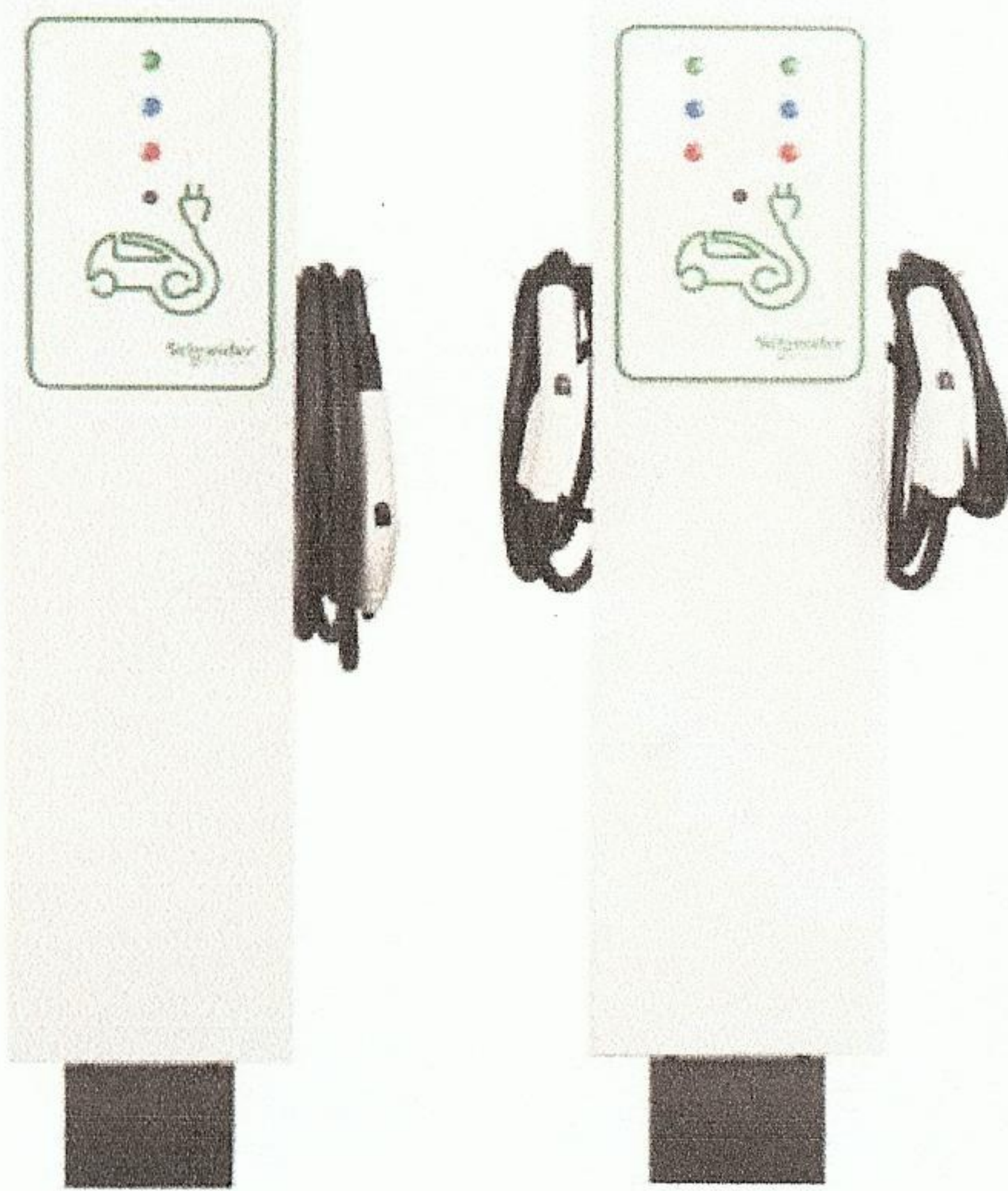
# Electric Vehicle Charging Solutions

## Outdoor Charging Stations

### Technical Specifications



Outdoor Wall-Mount  
Charging Station



Single Unit

Dual Unit

Outdoor Pedestal-Mount  
Charging Stations

Table 5: Outdoor Charging Stations (Wall and Pedestal Mount)

Power Specifications (Each charging unit)	
Input Power	208–240 Vac, 30 A, single phase, 60 Hz
Input Power Connection	Line 1, Line 2, and Ground
Feeder Circuit Breaker	2-pole, 40 A, non-GFCI type
Output Power	208–240 Vac, 30 A
Physical Specifications	
Enclosure Type	Type 3R
Enclosure Dimensions	See Dimensions on Page 9
Enclosure Mounting	Wall or Pedestal
Cable Type	SAE J1772
Cable Length	18 ft. (5.5 m)
Cable Management	Non-retractable, integral with the enclosure
Unit Options	Single unit (Wall-mount) Single or Dual units (Pedestal-mount)
User Interface	
Power Available	Status indicator
Charging	Blinking blue indicator
System Detected Fault	Red status indicator
Authentication	
Type	Non-networked RFID / Key fob
Programming	Radio frequency remote control
Protection	
Ground Fault Protection	Integral, CCID 5 mA, auto reset
Ground Fault Protection System Test	Automatic at the beginning of each charge cycle
Environmental	
Operating Temperature	-22°F to 131°F (-30°C to 55°C)
Electro-static Discharge	15 kV open air, 8 kV contact
Surge	6 kV
Radiated Immunity	20 V/m
Conducted Immunity	20 V
Electrical Fast Transient/Burst (EFTB)	2 kV
Emissions	FCC Class B
Standards Compliance	
NEC Article 625	
SAE J1772	
UL 2594, UL 2231-1 & UL 2231-2, UL 991, UL 1998 and UL 2251	

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# Electric Vehicle Charging Solutions Outdoor Charging Stations

## Dimensions

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Figure 4: Outdoor Wall-Mount Charging Station

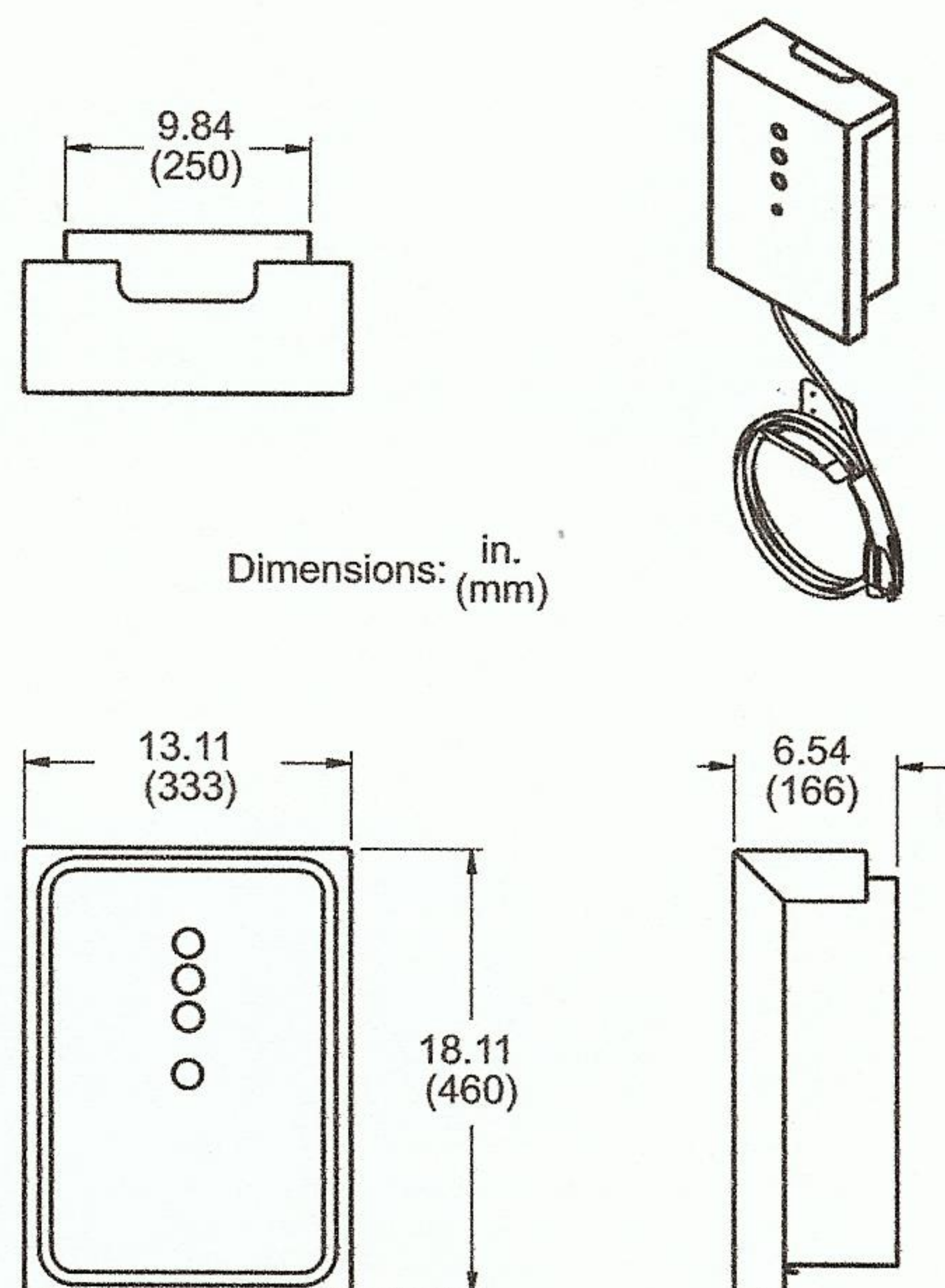


Figure 5: Pedestal Base for Outdoor Charging Station

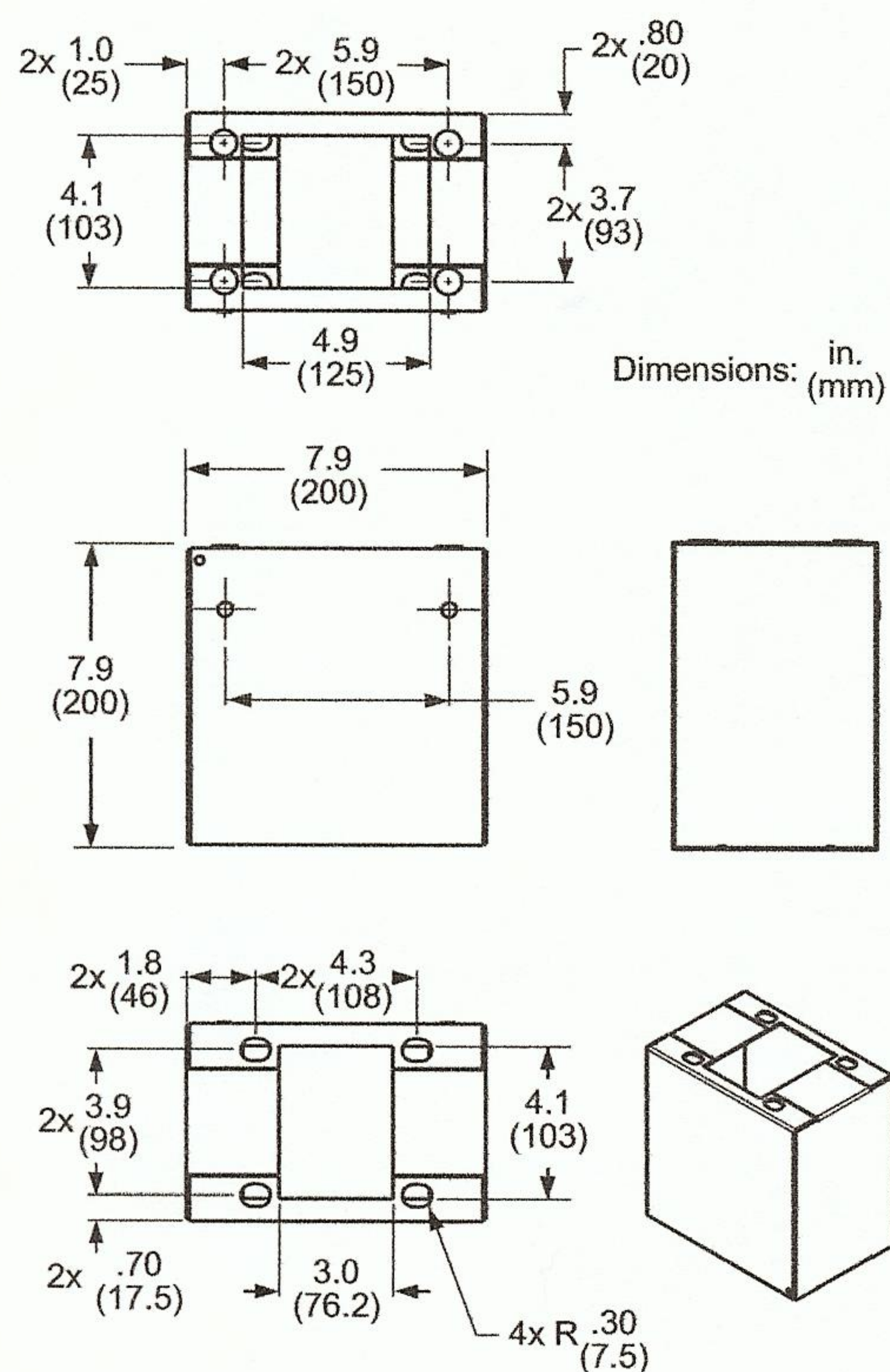


Figure 6: Outdoor Pedestal-Mount Charging Station

