



EV Charging Cable Overhead Motorized Retractable Reel

Support for Commercial EV charging cables

Prepare for the future of commercial electric vehicle operations. As electric vehicles replace today's fleets of fossil-fueled buses and trucks, the infrastructure to support the transition requires rugged adaptability.

The Motorized Overhead Retractable Reel for Commercial EV Charging cable is designed to support large, ceiling or wall mounted EV charging cables. The reel is built for use in demanding environments, including indoor warehouses, and covered outdoor applications. Control is easy with a wired three button pendant controller.

Safely store EV charging cable off the ground, protecting the cable from damage or abuse while allowing for easier, weight supported charging.

Features

- Dual drum for variable rate wrapping
- No slip ring required
- Three button pendant direction control with E-Stop and power light
- Limit switch stops reel from over retracting or over extending past the max limits to prevent damage to the reel
- EV charging cable shall be specified
- Supports any AC or DC high-voltage, high-current charging cable
- The charging cable is stored for maximum heat dissipation
- No heat rise or wear components associated with a traditional slip ring

Typical Applications

- Charging electric commercial buses, last-mile delivery vans, and over-the-road trucks
- Ideal for installs over 12 Feet



Accessories

- Canopy to protect the reel from overhead elements and debris
- Mounting canopies and saddles are sold separately

Specifications

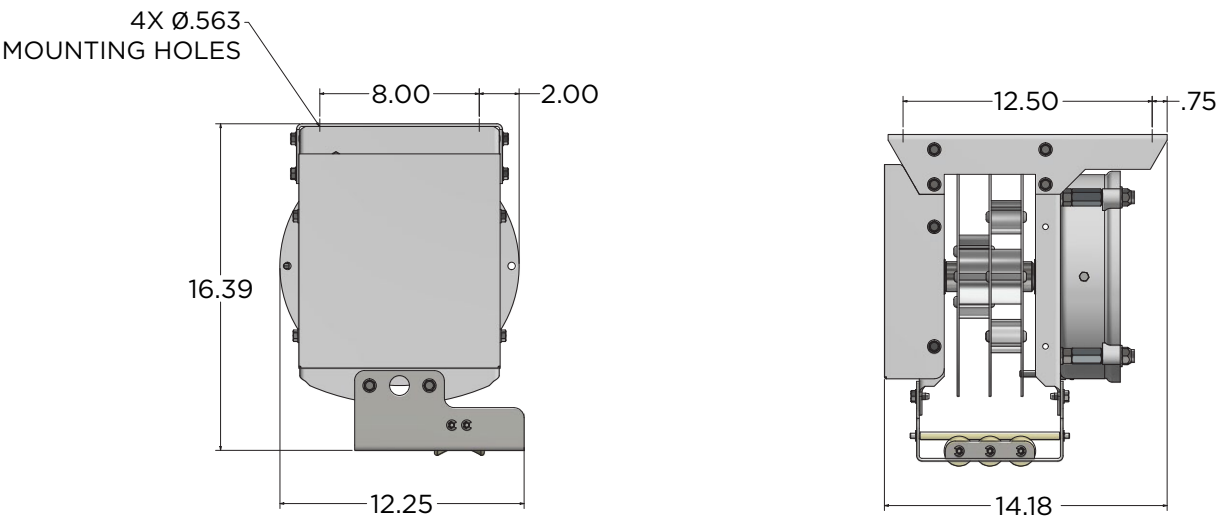
- 480V, 0.9A, 1/2 HP
- Can support 100 pounds of Cable
- Spool RPM - 10 to 30 RPM
- VFD controlled - NEMA 3R rated for weatherproof enclosures
- Operation temperature range -22° to 104° F, -30° to 40° C
- Reel weight approximately 96lbs

Certifications

- Patent Pending
- UL and cUL recognized

Outer Dimension of the EV Cable Specifications

Catalog Number	Dimensions	
	Range	Metric
DWR-SDL-A	$\geq 1.5625''$ (19/16'') to $< 1.6875''$ (111/16'')	$\geq 39.69\text{mm}$ to $< 42.86\text{mm}$
DWR-SDL-B	$\geq 1.438''$ (17/16'') to $< 1.5625''$ (19/16'')	$\geq 36.53\text{mm}$ to $< 39.69\text{mm}$
DWR-SDL-C	$\geq 1.25''$ (1¼'') to $< 1.438''$ (17/16'')	$\geq 31.75\text{mm}$ to $< 36.53\text{mm}$
DWR-SDL-D	$\geq 1.6875''$ (111/16'') to $< 1.8125''$ (113/16'')	$\geq 42.86\text{mm}$ to $< 46.04\text{mm}$
DWR-SDL-E	$\geq 1.8125''$ (113/16'') to $\leq 1.875''$ (17/8'')	$\geq 46.04\text{mm}$ to $\leq 47.63\text{mm}$



Dimension Drawing - Model Number DWR12-0408-EV-50



Three button pendant and NEMA 4X control panel