

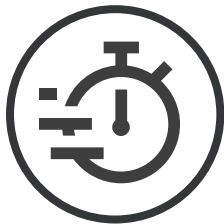
ARC - AC Reel

EV Cable Management System

Boost the efficiency of EV charging depots with a motorised overhead cable management system designed specifically for fleets and depot operators. Seamless integration with existing AC Type 2 EV chargers offers an essential cable management solution that streamlines workflows, enhances charging turnaround time and protects both equipment and personnel.



IMPROVED EFFICIENCY



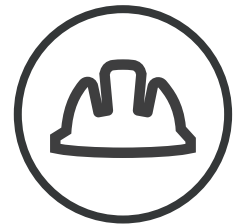
Accelerate plug-in times and improve usability with an overhead system that keeps cables out of the way until they are needed.

REDUCED MAINTENANCE



Extend the life of plugs and cables and reduce maintenance expenses by preventing drive overs and damage during daily use.

IMPROVED SAFETY

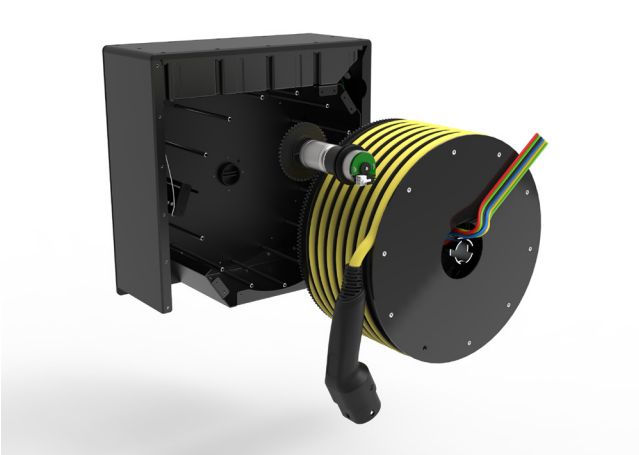


Free up floor space, eliminate cable trip hazards and improve depot H&S to create a safer environment for on site operatives.

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Product Features

A motorised cable management reel conceals the charging cable when not in use. Cable dispensing and retraction is activated via a wall mounted switch, or an optional vehicle sensor. Optional auto retraction is available on completion of a charging cycle. Cable extension length can be calibrated on site to suit the installation environment & vehicle size/positioning.



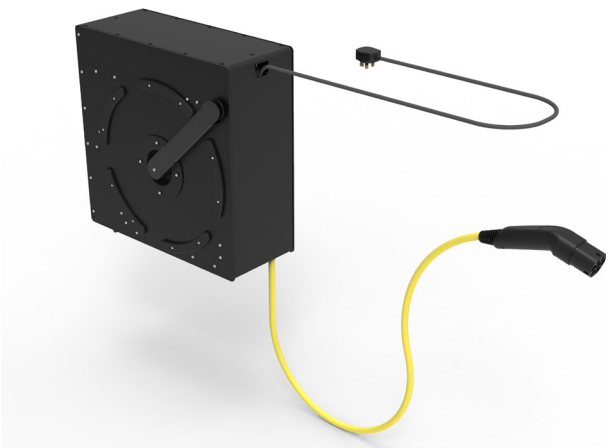
MOTORISED RETRACTION REEL

Neat & tidy cable management dispensed at the touch of a button. Optional auto-retract after use.



ACTIVATE TO DISPENSE

Wall-mounted or vehicle sensor activation to dispense charging cable to preset position.



UNIVERSAL CHARGER COMPATIBILITY

Integrates with existing 7kW & 22kW Type 2 chargers via Type 2 plug or tethered cable.



ON SITE CALIBRATION

User-configurable cable dispense point to suit your depot's workflow and vehicle types.

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Product Datasheet

MAINS INPUT To power retraction system		230V AC 3A, 50Hz	
CONNECTOR		SINGLE PHASE	3 PHASE
Detachable connection between an existing EV charger & vehicle		BS EN 61851-2 Type 2, Mode 3, Case B connection	BS EN 61851-2 Type 2, Mode 3, Case B connection
		or	or
		Hardwired in place of existing tethered cable Case C connection	Hardwired in place of existing tethered cable Case C connection
CABLE			
Cable Management System	Motorised cable extension/retraction system		
Cable Length	7m		
Colour	Black, Blue or Yellow		
Cleaning	Integrated cable brush		
CONSTRUCTION			
Dimensions	490mm (h) x 490mm (w) x 213mm (d)		
Enclosure Rating	IP65, IK08		
External Materials	Powder Coated Aluminium & Plastic		
Colour	Black		
Weight	16kg		
Warranty	3yr manufacturer warranty		
OPERATION			
Activation	Push button on unit, externally mounted push button or vehicle sensor		
Calibration	On site calibration via button on unit to set and store cable drop length		
Auto Retraction	Button press or optional auto retract after 5 seconds after unplugged from vehicle		
Standby Consumption	<0.5A		
Operating Temperature	-22F to 122F (-30C to 50C)		
Operating humidity	Up to 95% non condensing		
Location	Indoor or outdoor use		
Mounting	Wall or overhead mounting		
Lighting	LED RGB status light (standby, calibration mode, operational, connected, error)		
PROTECTION			
Cable jam detection	Motor overcurrent detection, auto retry x10, lockout, power cycle to reset		
Thermal protection	Cuts supply in the event of a current overload scenario		
CERTIFICATION			
Safety Certification	Meets the requirements of BS EN IEC 61851-1, BS EN 61851-22, IEC 62196-1		

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Ordering & Accesories

MODEL VARIANTS - ARC REEL SERIES

SERIES	POWER	KW	FASCIA	CONNECTION	ACTIVATION
ARC-R	AC	7 22	S - Standard, no fascia RF - Reel Fascia	H - Hardwired (Case C) P - Type 2 Plug (Case B)	B – Button EB – External Button VS – Vehicle Sensor

EXAMPLE PRODUCT CODE: ARC-R-AC22SPEB



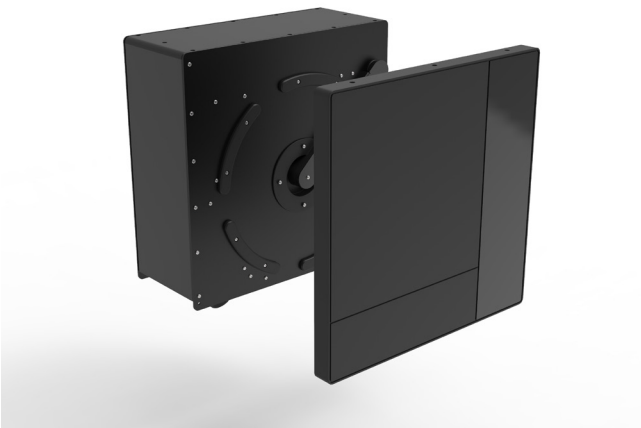
ARC AC REEL MOUNTING POST

Configurable to specific installation requirements.



ARC REMOTE PLUG CONTROL

Remote control to add bi-directional motor control at the touch of a button.



ARC AC REEL FASCIA

Optional cosmetic fascia for ARC AC Reel.