

# Electric Recovery Winch for Off-Road Vehicles

This electric winch serves as essential rescue and towing equipment for vehicles and vessels. Primarily used on off-road vehicles, it facilitates self-rescue, towing, and hoisting in challenging terrains such as snow, swamps, deserts, and rocky mountain roads.



## Overview

### Heavy-Duty Recovery Performance

This electric recovery winch is engineered for demanding off-road environments, offering a 10,000lb rated pull capacity suitable for trucks, SUVs, and ATVs. Featuring a robust 3.6hp permanent magnet motor and a 3-stage planetary gear system, it ensures reliable operation during vehicle recovery. The unit includes an automatic in-the-drum braking system and a 4-way roller fairlead, providing both safety and ease of use for professional and recreational recovery tasks.

## Performance Metrics

### Rated Pull Capacity

**10000 lb**

Rated Pull

**4536 kg**

Rated Pull

### Motor Power

**3.6 hp**

Horsepower

**2.7 kw**

Power

## Mechanical Specifications

Gear System	3 Stage Planetary
Gear Reduction Ratio	317.7
Braking Action	Automatic In-The-Drum
Clutch Type	Sliding Ring Gear

## Cable and Drum

Drum Dimensions	2.5" (63.5mm) Diameter x 8.82" (223mm) Length
Cable Specifications	95ft (29m) length, 23/64" (9.1mm) diameter
Fairlead	4-Way Roller Fairlead

## Physical Attributes

### Dimensions & Weight

Metric	Value
Net Weight	88lbs (40kg)
Gross Weight	92lbs (42kg)
Overall (LxWxH)	22" x 6.3" x 10" (560 x 160 x 254mm)

Mounting Bolt Pattern	10.00" x 4.50" (254mm x 114.3mm)
-----------------------	----------------------------------

## Electrical and Control

### Voltage

12V DC

Remote Control	Included, 9.8ft (3m) lead
----------------	---------------------------