



Part Numbers	
10801029	2,500 lb wire rope
10801033	2,500 lb synthetic rope

## 2,500 LB ELECTRIC ATV WINCH

Model: Gen1.5 2,500lb wire & synthetic rope

Motor Type: Electric 12V DC

- The brake is placed in the motor bracket: it can be fitted with synthetic rope or wire rope
- Waterproof design IP68, water depth 1m, no leak inside; meet the needs of customers for any environment



Engineering Data	
Maximum Pulling Force	Layer 1: 2,500 lb (11.11 kN) Layer 2: 2,127 lb (9.45 kN) Layer 3: 1,851 lb (8.23 kN) Layer 4: 1,639 lb (7.28 kN) Layer 5: 1,470 lb (6.53 kN)
Geartrain	3-Stage Planetary
Gear Ratio	167:1
Clutch	Locking sun gear
Brake	Auto Load Holding Mechanical
Fairlead	4-Way Roller or Aluminum Hawse

Performance Data		
Load lb (kg)	Speed FPM (MPM)	Amps
0(0)	20.6(6.2)	20
1,500(680.4)	11.8(3.5)	110
2,500(1134)	9.8(2.9)	160
3,500(1588)	9.6(2.8)	190

Dimensional Data (See Dimensional Drawing for More Information)	
Drum Barrel Diameter	50mm
Rope Attachment Points	1 Points Pass through Drum
Recommended Rope and Capacity	Synthetic Rope: 0.197" x 50' (5mm x 15.24m) Wire Rope: 0.189" x 50' (4.8mm x 15.24m)
Maximum Wire Rope Recommendation	4.8mm
Minimum Breaking Strength	4,200 lb (18.67kN)
Approximate Net weight (with rope)	Synthetic Rope: 18lbs (8kg) Wire Rope: 20lbs (9kg)

Electrical Specifications	
Maximum Watts	2.0kW
Maximum Amperage	190A
Remote Control Style	Wired, 10.2' (3.1m) Long
Duty Cycle	5% (45 sec at Max Rated Load; 14 min, 15 sec Rest)
Lubrication	-40 C ~ 120 C grease
Standards Compliance	CE

Line Speed By Layer		
Layer 1	10 FPM	3.0 m
Layer 2	11 FPM	3.3 m
Layer 3	12 FPM	3.6 m
Layer 4	13 FPM	3.8 m
Layer 5	14 FPM	4.0 m

