

VEHICLE RECOVERY WINCH  
**EW-2500**



**EW-2500 [Utility Series]**

**Rated Line Pull:** 2500 lbs. (1134kgs) Single-Line  
**Motor:** Permanent Magnet DC 12V Motor with 0.9hp Output  
**Control:** 0.02" <sup>2</sup> x 10.17' (0.5mm<sup>2</sup> x 3100mm) Black  
**Control:** 0.02" <sup>2</sup> x 10.17' (0.5mm<sup>2</sup> x 3100mm) Green  
**Control:** 0.02" <sup>2</sup> x 4.26' (0.5mm<sup>2</sup> x 1300mm) Red  
**Gear Train:** NGWN Type Planetary Gear Transmission  
**Gear Ratio:** 153:1  
**Clutch:** Turn  
**Drum Size:** Diameter 1.61" x Length 2.9" (41 x 74mm)  
**Fairlead:** Included  
**Cable Length:** 50 ft. of 1/16" Length (15.2m of 4.5mm)  
**Battery Leads:** .24" <sup>2</sup> x 6.23' (6mm<sup>2</sup> x 1900mm)  
**Overall Dimensions:** (L x W x H) 11.85" x 7.4" x 4.72" (301 x 188 x 120mm)  
**Mounting Pattern:** 3.76" (93mm)

**Line Speed & Amp Draw-First Layer**

Line	lbs	No	500	1000	1500	2000	2500
Pull	kgs	Load	227	454	680	907	1134
Line	fpm		19.5	17.5	15	12	10
Speed	mpm		6	5.2	4.5	3.8	3
Motor Current	amps		18	45	63	88	122

**Line Pull & Cable Capacity**

Layer of Cable		1	2	3	4	5	6
Rated Line Pull	lbs	2500	2000	1655	1430	1275	1120
Pull Per Layer	kgs	1134	907	750	650	580	508
Cumulative	ft.	7	15.4	25.3	36.4	48.9	50
Cable Capacity	m	2.14	4.7	7.7	11.1	14.9	15.2

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