



VR EVO 12 and 12-S

12,000 lb. Capacity—Made for Heavier Loads and Bigger Rigs

Ideal for 3/4 and 1-ton pickups and all types of large frame rigs that require longer and heavier pulls. The VR12 and 12-S feature IP68-rated waterproof construction, an ultra-reliable Albright® contactor inside a relocatable control pack, and a state-of-the-art, two-in-one remote for added ease of use and versatility. With its fast line-speed and lower amp draw, the VR EVO series of winches are the hardest-working standard-duty winches we've ever made, with tactical styling that looks great up front and at a price that won't pull you out of your budget.

- A powerful series-wound motor and planetary gear train deliver faster line speed under load, with lower amp draw
- IP68-rated waterproof winch construction keeps the elements out
- High-performance Albright contactor delivers maximum reliability
- Control packs can be relocated for low-profile installations
- Durable, one-piece cast-aluminum tie-plate for added strength and durability
- Two-in-one remote with wired AND wireless options for ease of use and versatility
- Available with wire or synthetic rope
- Limited lifetime warranty for mechanical parts and 7 years on the electrical
- Designed, engineered, and tested by WARN engineers in the U.S.A.





SPECIFICATIONS

Winch Model: VR EVO 12, VR EVO 12-S

Parts Numbers: 103254 (VR EVO 12), 103255 (VR EVO 12-S)

Rated Line Pull: 12000 lbs. (5443 kg)

Motor: 12V DC, series wound

Electrical Controls: Albright Contactor

Remote Control: 2-in-1 plug-in remote

with wireless capability and 11.5' (3.5m) lead

Gear Train: 3-stage planetary

Gear Ratio: 234:1

Clutch (freespooling): Rotating ring gear clutch

Brake: Spring Brake

Drum Diameter/ Length:

Steel and Synthetic: 2.5" / 9.0" (6.73cm / 23cm)

Weight:

Shipping Steel: 90.81 lbs. (41.19 kg)

Shipping Synthetic: 72.27 lbs. (32.78 kg)

Net Product Steel: 73.61 lbs. (33.39 kg)

Net Product Synthetic: 55.07 lbs. (24.98 kg)

Rope:

Steel: 3/8" x 85' (9.5mm x 25.9m)

Synthetic: 3/8" x 90' (9.5mm x 27.4m)

Fairlead: Steel: Roller, Synthetic: Die Cast Hawse

Recommended Battery: 650 CCA min. for winching

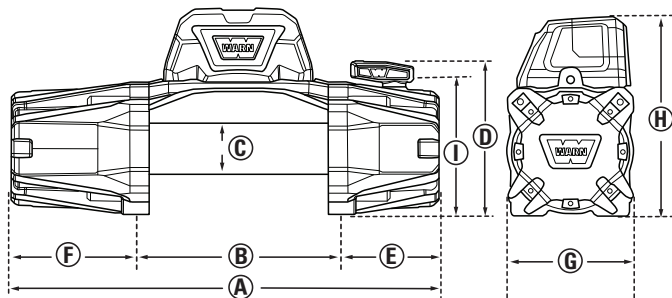
Battery Leads: 0.98" x 6.5' (25mm x 2m)

Finish: Powder coating over primer undercoating

Warranty: Limited lifetime

12V DC performance specs (first layer of drum)

Line Pull Lbs. (Kg)	Line Speed Ft./min. (M/min.)	Motor Current	Pull by layer: layer/Lbs (Kg)
0	26.2 (8.0)	55 amps	1/12000 (5443)
2000 (910)	13.9 (4.2)	120 amps	2/9801 (4446)
4000 (1810)	9.5 (2.9)	178 amps	3/8283 (3757)
6000 (2720)	8.1 (2.5)	234 amps	4/7173 (3254)
8000 (3630)	6.8 (2.1)	288 amps	5/6324 (2869)
10000 (4536)	4.9 (1.5)	337 amps	
12000 (5440)	4.0 (1.2)	396 amps	



A 21.02" (534mm)	D 7.5" (191.4mm)	G 6.3" (160.5mm)
B 10" (254mm)	E 4.84" (123mm)	H 10.08" (256mm)
C 2.54" (64mm)	F 6.18" (157mm)	I 6.79" (172.4mm)

Winch Dimensions: 21" L x 6.3" D x 10.1" H
(534mm L x 160.5mm D x 256mm H)

Mounting Bolt Pattern: 10.0" x 4.5" (254mm x 114.3mm)

Warn Industries, Inc.
12900 S.E. Capps Road,
Clackamas, OR USA 97015-8903



Customer Service (North America):
1-800-543-9276

International Sales Support:
+1 503 722 1200

warn.com

			VR EVO 8	VR EVO 8-S	VR EVO 10	VR EVO 10-S	VR EVO 12	VR EVO 12-S
Service Kits	KIT Contents	DESCRIPTION	KIT PART NUMBER					
	2, 3, 4, 5	Motor Kit	104216	104216	104217	104217	104217	104217
	10, 31	Remote/Control Module Kit	104218	104218	104218	104218	104218	104218
	20, 21, 22, 23, 24, 28	End Housing Kit	104223	104223	104223	104223	104223	104223
	15, 17, 18, 19, 24, 25, 26, 27, 28, 29	Carrier Kit	104224	104224	104224	104224	104225	104225
	14, 16, 28, 29	Ring Gear Kit	104226	104226	104226	104226	104226	104226
	6,12	Brake Kit	104227	104227	104227	104227	104227	104227
	4, 5	Bushing & Seal Kit	104228	104228	104228	104228	104228	104228
	2, 4, 5, 13	Drum Support (Geartrain) Kit	104230	104230	104230	104230	104230	104230

Item Description	ITEM	DESCRIPTION	KIT PART NUMBER					
	1	Motor Cover	104215	104215	104215	104215	104215	104215
	32	Rope Assembly	86514	104232	32403	104232	32403	104232
	30	Drum Assembly	104229	104229	104229	104229	104229	104229
	8	Contactora	98381	98381	98381	98381	98381	98381
	33	Roller Fairlead (Not Shown)	104220	N/A	104220	N/A	104220	N/A
	33	Hawse Fairlead	N/A	104219	N/A	104219	N/A	104219
	20	Clutch Lever	104231	104231	104231	104231	104231	104231
	34	Hook	104221	104221	104221	104221	104221	104221

