



# WARN® ZEON™ 12 Winch

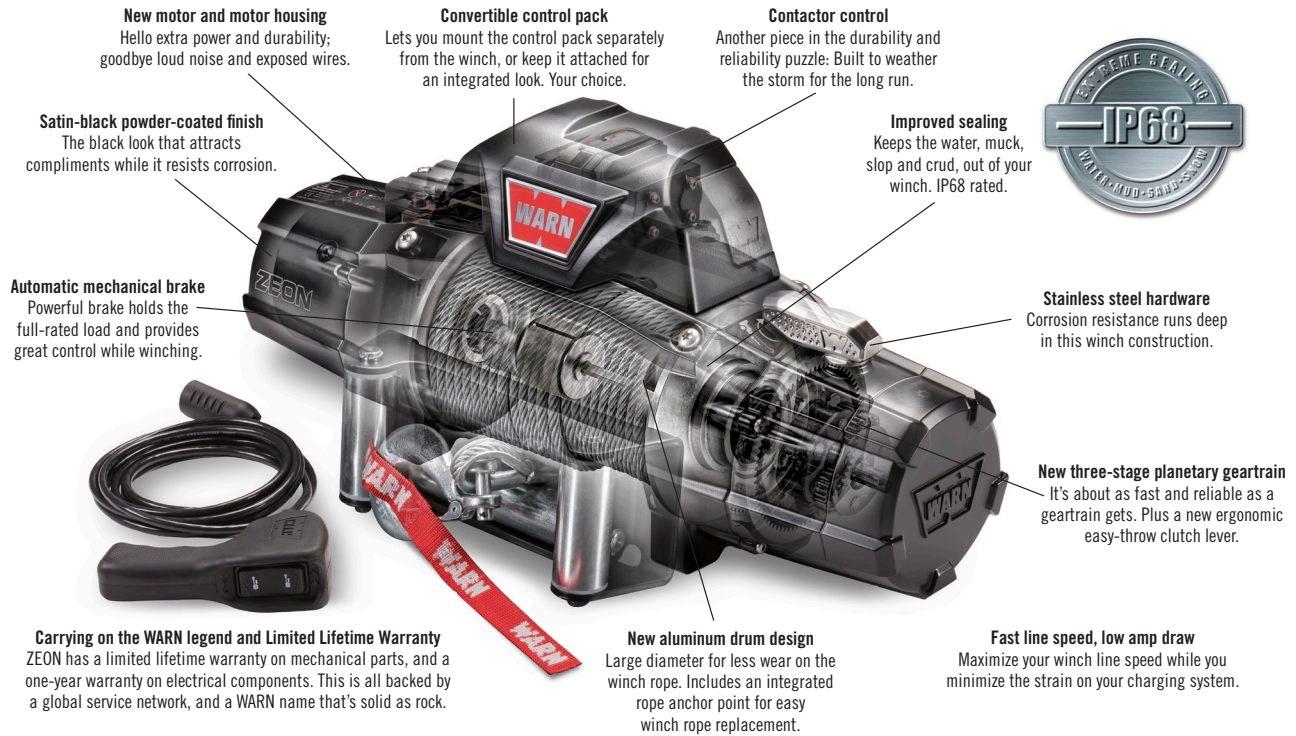
24V DC Truck/SUV winch with  
a 12,000 lb. capacity.

**The next generation of winches is here: WARN® ZEON™. With a modern rugged design, upgraded internal components, and increased performance and durability, ZEON is a new name from the most trusted name in winches. With a bold look and power to match, the ZEON is like nothing you've ever seen before.**

- Legendary WARN reliability and performance; 12,000 lb. (5443 kg) capacity – perfect for the bigger vehicles
- Unique exterior styling and symmetrical design give this winch a look that is advanced, capable, and strong
- New-design planetary geartrain and series-wound motor deliver fast, quiet, and reliable pulling power
- Satin-black powder-coated finish with stainless steel fasteners and clutch lever looks great and inhibits corrosion
- Convertible control pack can be attached to the winch or remotely mounted, allowing for various winch mounting options and looks (Relocation kit required and sold separately)
- Large diameter, aluminum winch drum reduces rope wear, is light weight, and has an integrated rope anchor for easy rope installation
- Robust aluminum housing is durable and helps dissipate heat
- Improved winch sealing to keep the elements out; IP68 rated
- Contactor control for extreme reliability and weather resistance
- Automatic mechanical cone brake holds the full-rated load and offers excellent control while winching
- Ultra-durable rubberized corded remote with 12' lead
- Backed by the WARN Limited Lifetime Warranty

PN 90666





## SPECIFICATIONS

**Winch model:** WARN ZEON 12

**Part numbers:** 90666

**Rated line pull:** 12,000 lbs. (5443 kg) single-line

**Motor:** 24V DC, series wound

**Electrical controls:** Contactor

**Remote Control:** Remote switch, 12' (3.7m) lead

**Geartrain:** 3-stage planetary

**Gear ratio:** 216:1

**Clutch (freespooling):** Rotating ring gear

**Brake:** Automatic mechanical cone

**Drum diameter/Length:** 3.15"/9.0" (80mm/229mm)

**Weight (kit shipping):** 82 lbs. (37 kg)

**Rope:** Not included

**Fairlead:** Roller

**Recommended Battery:** 650 CCA minimum for winching

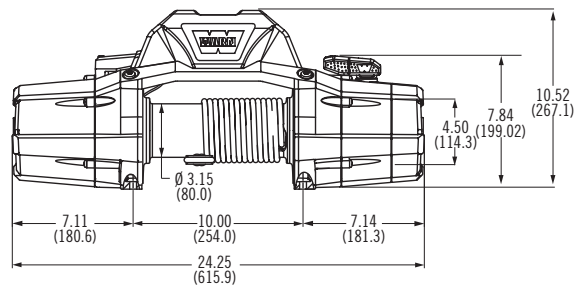
**Battery leads:** 25mm<sup>2</sup> gauge, 72" (1.83m)

**Finish:** Satin-black powder coat

**Warranty:** Limited lifetime

### 24V DC performance specs (first layer of drum)

Line Pull Lbs. (Kgs. )	Line Speed Ft./min. (M/min.)	Motor Current
0	24.8 (7.5)	33 amps
2000 (910)	13.6 (4.1)	73 amps
4000 (1810)	10.5 (3.2)	111 amps
6000 (2720)	9.1 (2.8)	145 amps
8000 (3630)	8.0 (2.4)	177 amps
10000 (4536)	6.9 (2.1)	210 amps
12000 (5443)	5.7 (1.7)	252 amps



#### Winch dimensions:

Integrated configuration: 24.25" L x 7.15" D x 10.52" H  
(615.9mm L x 181.6mm D x 267.1mm H)

Low-profile configuration: 24.25" L x 7.15" D x 7.84" H  
(615.9mm L x 181.6mm D x 199.02mm H)

#### Mounting bolt pattern:

10.0" x 4.5"  
(254mm x 114.3mm)



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