

RA-1 Stinger Winch Specification

Feature/Specifications	@6.0 volts	@7.4 volts	@8.4 volts
Torque	18.4 kg-cm	22.5 kg-cm	25.2 kg-cm
Speed	3.14 revs per sec	3.78 revs per sec	4.16 revs per sec
Number of Turns	6	6	6
Weight	145 g	145 g	145 g
Stall Current	6.6A	7.7A	8.7A
No Load Current	450mA	550mA	650mA
Idle Current	20mA		
Waterproof	Yes		
Winch Mounting	Direct replacement for RMG		
Drum Mounting	Compatible with RMG drums		
Mounting Diameter	52 mm		
Mounting Height	43 mm below deck		
Output Shaft	Stainless steel		
Motor	Brushless		
Soft Start	From neutral position		
Over Voltage	Over 9.0 volts protection mode is activated, output shaft is free, winch is reactivated when voltage is normal.		
Low Voltage	Lower than 4.0 volts protection mode is activated, output shaft is free, reactivated when voltage is normal.		
Stall / Locked Rotor	When stall is detected, the torque of the winch is reduced to "0" over 5 seconds. After power cycling, winch is reactivated and returns to operational mode.		
Temperature	Over 85 degrees C, protection mode is activated, the torque decreases by 20%, when temperature is normal, 100% torque is restored.		
Signal Loss	When transmitter signal is lost, the winch stops at the position where the transmitter signal was lost, the output shaft is free, winch reactivates when signal is restored.		