

## Ultralight

Ultra-powerful. Ultra-efficient. Ultra-stealthy.

- + Range up to 53 km
- + Weight as low as 8.8 kg
- + Ultra-quiet direct drive (1103 AC)
- + Easy to mount on fishing kayaks
- + Superb usability with a wealth of smart features

Kayaks / Canoes / Very light boats



### The Ultralight is the easy-to-mount solution for today's fishing kayaks.

Professional kayak anglers don't hit the water without their Ultralight, and neither should you. With the Ultralight 1103 AC, you can beat the crowd and get to that coveted spot more than 30% faster. The whisper-quiet, direct-drive Ultralight 1103 AC comes with the innovative angler mount and all the high-tech features you've come to expect: GPS built in, real-time range and runtime display, solar charging, superior safety and performance, and the latest lithium battery technology. The 1103 AC is almost three times more powerful than the Ultralight 403 for the ultimate in acceleration and pulling power, and adds instant throttle response for improved manoeuvrability and a heavy-duty construction with more resistance to impact damage.

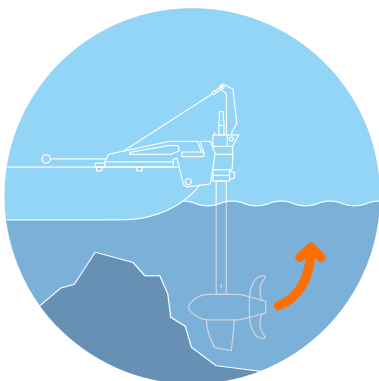


ULTRALIGHT 1103 AC



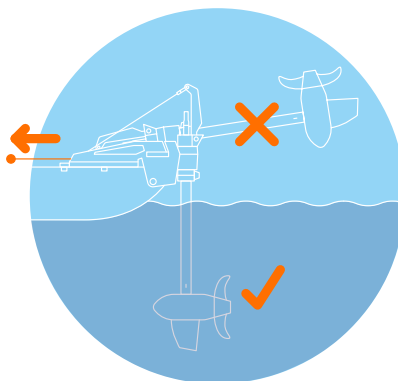
ULTRALIGHT 403 A/AC

### Raising, locking and parking the smart way



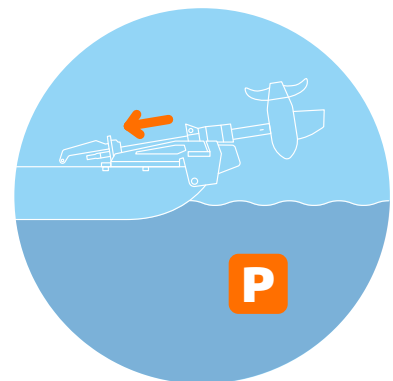
#### No problem with obstacles

The mount allows the motor to kick up toward the stern of the kayak when it encounters an underwater obstacle, thus minimising damage.



#### Reversing with one simple action

Pull the reverse cord and simply hold tension or secure it in the included cleat. Release the cord when moving forward to enable the automatic kick-up feature.



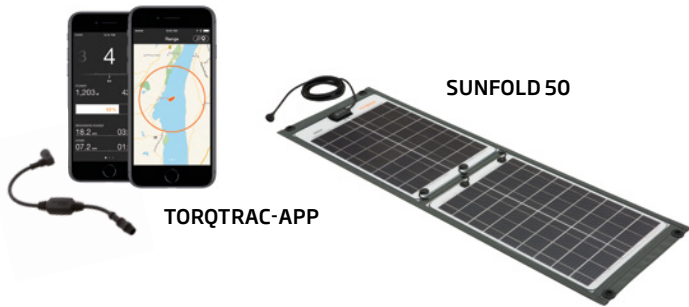
#### Handy park position

Safely stowing the Ultralight 403 for transport is quick and easy. Simply pull up and secure with the included elastic cord. To transport the Ultralight 1103, use the quick-release to remove the motor and stow.



## Mounting, control & charging accessories

Like all products from Torqeedo, Ultralight motors are offered with a full suite of high-tech accessories. Add a **spare battery** for a quick and simple way to extend range. An optional cable connection with a built-in Bluetooth module transmits all relevant boating and positioning data to the **Torqeedo TorqTrac app**.



TECHNICAL DATA	Ultralight 403 A/AC	Ultralight 1103 AC
Input power in W	400	1,100
Propulsive power in W	180	540
Comparable petrol outboard (shaft power)	1 HP	3 HP
Comparable petrol outboard (thrust)	2 HP	4 HP
Max. overall efficiency in %	45	49
Static thrust in lbs*	33	70
Integrated battery (Li-Ion) in Wh	320 (A) / 915 (AC)	915
Nominal voltage in V	29.6	29.6
Final charging voltage in V	33.6	33.6
Total weight in kg	8.8 (A) / 11.0 (AC)	15.3
Motor weight without battery, in kg	5.0	9.3
Weight of integrated battery, in kg	3.8 (A) / 6.0 (AC)	6.0
Shaft length in cm	48	51

\* To compare Torqeedo static thrust data with conventional trolling motors, add approximately 50% to the Torqeedo static thrust values.

## High performance, speed and range

Dependent on factors such as type of boat, load, propeller and ambient conditions. Figures for speed and range are indicative only and are not a guarantee of performance.

As tested on an ATAK 140	Ultralight 403 AC	Ultralight 1103 AC
	9.1 km/h - 2:10 hr	11.9 km/h - 0:50 hr
	6.4 km/h - 8:45 hr	6.4 km/h - 8:04 hr
	3.2 km/h - 45:40 hr	3.2 km/h - 45:40 hr

Lithium-ion battery with capacity of up to 915 Wh; waterproof to IP67; USB charging port for smartphone or camera

Angler mount with tilt and park mechanism, plus simple integration with the kayak's steering unit

Newly developed pylon with height-adjustable shaft and cutting-edge Torqeedo motor technology

Electronic throttle with motor start button and emergency magnetic kill switch. Onboard computer display shows real-time information.



# TORQUEEDO

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