

FReD (Fast Rescue Device)

Sometimes, the person who needs help is out of reach and out of their depth... Introducing FReD (Fast Rescue Device) - an innovative unmanned surface vessel designed to swiftly reach someone in peril in the water.

We are proud to bring this great rescue device to Australia. For more information or to arrange a demonstration, call **+61 (0)2 9979 7079**.

	Main Engine	Controller
Dimension (cm)	94 x 77 x 24	14.5 x 6.2 x 7.2
Weight (kg)	12.5	0.4
Material of Shell	High-Density Polyethylene (HDPE)	ABS
Material of Interior	PS polyfoam (optional)	
Battery	24V, 32Ah	3.7V, 1800mAh
Battery Capacity	After 800 cycles, 80% left	After 800 cycles, 80% left
Working Time (min)	Up to 60 mins	Up to 120 mins
Standby Time	48 hours	4 hours
Discharge rate	About 15% drop within 6 months	About 50% drop within 3 months
Charging Mode	Wire charging	Wireless charging
Charging Time (hour)	6	2
Waterproof	IP68	IP65
Others	Forward Speed: Up to 7 knots (unloaded) and 3 knots (Loaded)	2 Buttons
	Reverse speed: Up to 0.5 knots (unloaded)	2D Rocker
	Capacity: Up to 250Kg	Communication Distance: Up to 1,000m
	Buoyancy: Up to 400N	Input: 100-240V, 50/60Hz
	Battery: Lithium	LED Screen with driving information
	Power: 1,600W	
	Working HeightL Up to 20m	
	Wind resistance: Class 6	
Wave: Up to 3m		

