

## **Application Scenarios**

more stable than petrol or diesel.

• Low usage cost: electricity cost are much lower and

Dolphin series to be suitable for small fishing boats, dinghies, day sailing boats and cruising sailboats to provide efficient and clean power, suitable for seawater and freshwater.







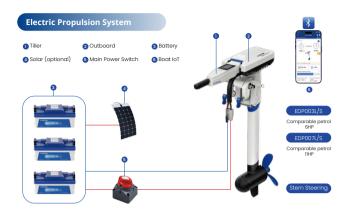


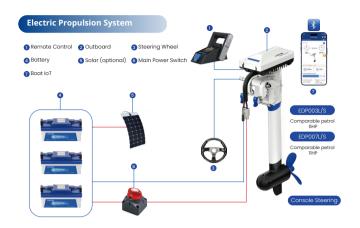


EDP007

## **Solution Diagram**







# **Specifications**

Model	EDP003L/S	EDP007L/S	
Input power	3000W	6900W	
Comparable petrol outboards	6HP	11HP	
Static thrust	640N	1450N	
Rated voltage	48V	48V	
Input voltage	36-60VDC	36-60VDC	
Weight (without battery)	21.0 (L) /20.4(S)	28.5 (L) /27.8(S)	
Shaft length	762 (L) /635 (S)	762 (L) /635 (S)	
Tilt/Trim	0°, 5°, 10°, 15°/60°	0°, 5°, 10°, 15°/60°	
Propeller options (diameter x pitch)	260×190mm	295×303mm	

### **Performance Test**

### 3.0 kW electric outboard endurance test results

Power (Watt)	Speed (kph)	Running Time (h)	Total cruisingrange (km)
300	6	15.36	92.16
550	7.2	8.38	60.34
1000	8.5	4.61	39.18
1500	9.8	3.07	30.1
2000	11.7	2.30	26.91
2500	15	1.84	27.6
3000	16.6	1.54	25.56

\*Performance data based on a 3.8m long aluminum boat operated by one person, powered by an EDP003L equipped with 2 sets of BLF-B5150 batteries (2.56kWh each, discharged to 10% remaining power) in calm lake water.

### 6.9 kW electric outboard endurance test results

Speed (kph)	Running Time (h)	Total cruisingrange (km)
6.5	18.43	119.79
8.4	9.22	77.45
11.6	4.61	53.48
14.6	3.07	44.82
19.1	2.3	43.93
21.8	1.84	40.11
24.5	1.54	37.73
26.3	1.34	35.24
	6.5 8.4 11.6 14.6 19.1 21.8	6.5 18.43  8.4 9.22  11.6 4.61  14.6 3.07  19.1 2.3  21.8 1.84  24.5 1.54

\*Performance data are based on a 3.8m long aluminum boat operated by one person, powered by an EDP007L equipped with 4 sets of BLF-B5150 batteries (2.56kWh each, discharged to 10% remaining power) in calm lake water.