

ePropulsion Test Ride Report



Please print this document and carry it on board your boat to record performance metrics during your test ride. While you're at it, please take a quality photo of your boat and motor setup to include in your report. After completing this form, visit <https://eprop.uk/report> to submit your collected data.

Test Details

Boat Details

Date		Make	
Location		Model	
Number of persons onboard		Hull Type Deep-V / Planing / Catamaran etc	
Weight of persons		Length Overall	
Temperature		Beam	
Wind		Dry Weight	
Current		Draft	

Motor Config

Propeller Details

If original prop just write 'original', otherwise please specify

Motor Modal		Diameter × Pitch	
Motor Quantity		Rated RPM	
Battery		Number of Blades	
Battery Quantity		Propeller Material	

Performance Data

Carry out a test at each given power level for your motor, documenting the speed attained for each. For reliable results, perform the entire test sequence in one consistent direction, to minimise the impact of tide and current variations. Ideally, the test should be undertaken in placid waters with little to no current.

Refer to the table below for the power levels for which we're seeking data. Please only fill in the column corresponding to your specific motor model.

	Spirit 1, Pod 1	Navy 3, Pod 3	Navy 6, Pod 6	I-10	I-20	I-40	H-100
Watts	1000w	3000w	6000w	10kW	20kW	40kW	100kW
100w		-	-	-	-	-	-
200w		-	-	-	-	-	-
300w		-	-	-	-	-	-
400w		-	-	-	-	-	-
500w							

600w							
700w							
800w							
900w							
1000w							
1250w	-						
1500w	-						
1750w	-						
2000w	-						
2250w	-						
2500w	-						
2750w	-						
3000w	-						
3500w	-	-					
4000w	-	-					
4500w	-	-					
5000w	-	-					
5500w	-	-					
6000w	-	-					
7000w	-	-	-				
8000w	-	-	-				
9000w	-	-	-				
10000w	-	-	-				
11000w	-	-	-	-			
12000w	-	-	-	-			
13000w	-	-	-	-			
14000w	-	-	-	-			
15000w	-	-	-	-			
16000w	-	-	-	-			
17000w	-	-	-	-			
18000w	-	-	-	-			
19000w	-	-	-	-			
20000w	-	-	-	-			
21000w	-	-	-	-	-		
22000w	-	-	-	-	-		
23000w	-	-	-	-	-		
24000w	-	-	-	-	-		
25000w	-	-	-	-	-		
26000w	-	-	-	-	-		
27000w	-	-	-	-	-		
28000w	-	-	-	-	-		

29000w	-	-	-	-	-		
30000w	-	-	-	-	-		
31000w	-	-	-	-	-		
32000w	-	-	-	-	-		
33000w	-	-	-	-	-		
34000w	-	-	-	-	-		
35000w	-	-	-	-	-		
36000w	-	-	-	-	-		
37000w	-	-	-	-	-		
38000w	-	-	-	-	-		
39000w	-	-	-	-	-		
40000w	-	-	-	-	-		
42500w	-	-	-	-	-		
45000w	-	-	-	-	-		
47500w	-	-	-	-	-		
50000w	-	-	-	-	-		
52500w	-	-	-	-	-		
55000w	-	-	-	-	-		
57500w	-	-	-	-	-		
60000w	-	-	-	-	-		
62500w	-	-	-	-	-		
65000w	-	-	-	-	-		
67500w	-	-	-	-	-		
70000w	-	-	-	-	-		
72500w	-	-	-	-	-		
75000w	-	-	-	-	-		
77500w	-	-	-	-	-		
80000w	-	-	-	-	-		
82500w	-	-	-	-	-		
85000w	-	-	-	-	-		
87500w	-	-	-	-	-		
90000w	-	-	-	-	-		
92500w	-	-	-	-	-		
95000w	-	-	-	-	-		
97500w	-	-	-	-	-		
100000w	-	-	-	-	-		