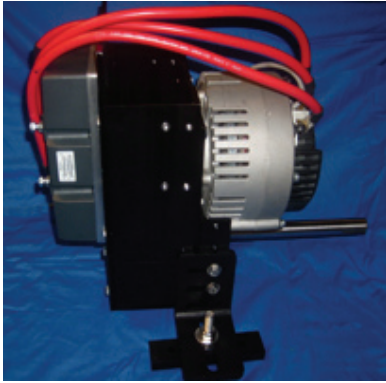




100 ibl: 48v

# Quietorque™



kit include: Motor assembly, Battery Monitor (display), Throttle quadrant with switch & keys, Shaft coupler, Mounting hardware, Red power switch, fuse & holder

Max amps	100 a
Max power	3.5 kw
Diesel equiv.	15 hp
Shaft hp	5 shp
Weight	52 lbs
Price	<b>\$3,995</b>

### Speed & Power

Kts	Amps	Watts
4.8	20	960
6.0	40	1920
6.9	60	2880
7.6	80	3840

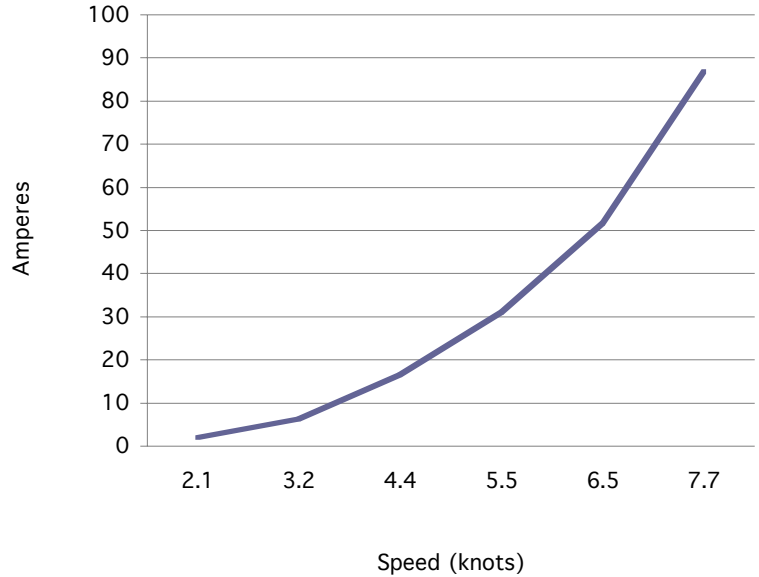
Power Prediction for Marshall Marine

14-Jul-11

### Boat Info

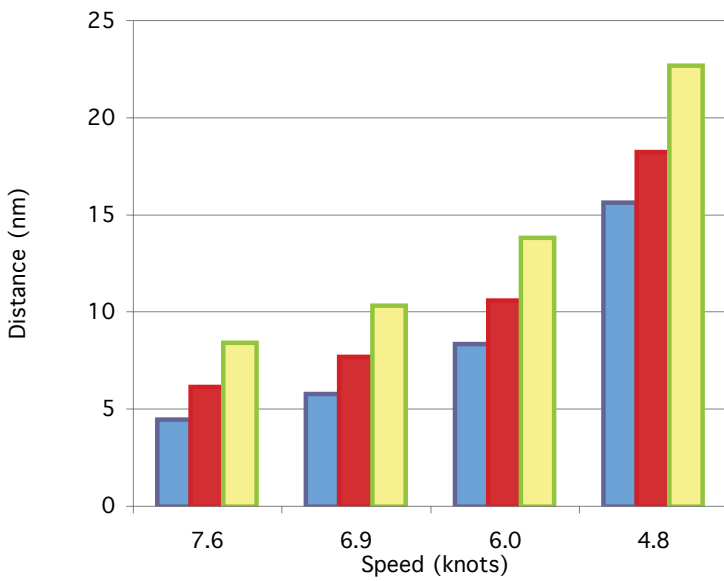
<b>Boat Name</b>	
<b>make/ model</b>	Sakonnet 23
Year	
LOA	22.2 feet
LWL	18.7 feet
Beam	6.08 feet
Displacement	2,000 lbs
Prop size	inches Dia
Prop pitch	
shaft size	inch

Speed vs Amp draw: 100ibl @ 48v



## Batteries

Range in Nm: 80% DOD\*



■ 115 AH FLOODED ■ 115 AH AGM ■ 130 AH LiFePO4

### Suggested Battery bank

LiFePo4	100-180 ah
AGM	100-250 ah
Flooded	100-250 ah

### Battery bank

		Price (estimated)	Weight (estimated)
LiFePo4	130 ah	\$4,900	200 lbs
AGM	115 ah	\$1,200	300 lbs
Flooded	115 ah	\$500	300 lbs

### Range

Kts	80% DOD					
	Flooded 115 ah		AGM 115 ah		LiFePo4 130 ah	
	Hrs	Nm	Hrs	Nm	Hrs	Nm
4.8	4.1	16	4.8	18	5.9	23
6.0	1.7	8	2.2	11	2.9	14
6.9	1.0	6	1.4	8	1.9	10
7.6	0.7	4	1.0	6	1.4	8

\*DOD = Depth of Discharge