



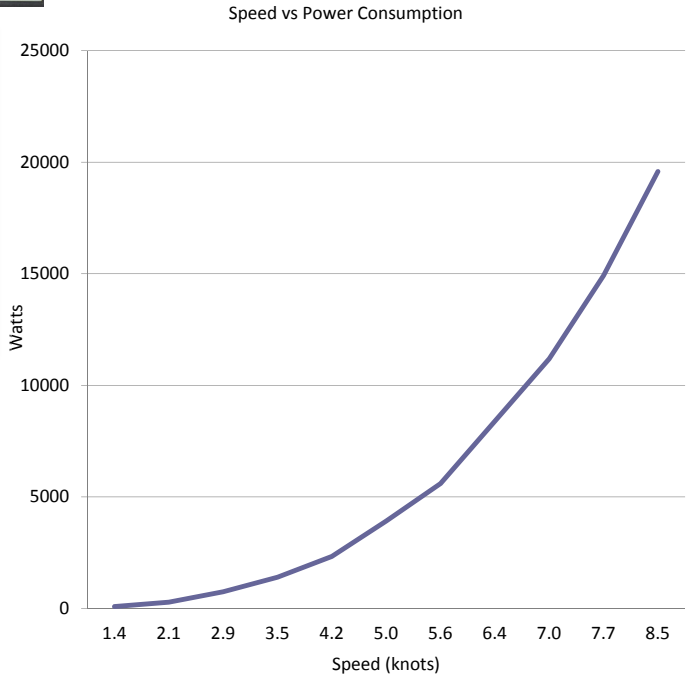
Max amps 400A  
 Max power 20.0 kw  
 Shaft hp 22 shp  
 Weight 124 lbs  
 Price **quote**

**System includes:**  
 2 Motors & Controllers  
 Power cables  
 Battery Monitor  
 Throttle quadrant  
 Key Switch  
 Shaft Coupler  
 Mounting hardware  
 Power switch  
 Fuse & holder Contactor  
 Control cables

<b>Boat Info</b>	Pearson 36
<b>make/ model</b>	0
Year	0
LOA	36 feet
LWL	29.6 feet
Beam	12.3 feet
Displacement	15,000 lbs
Prop size	18 inches Dia
Prop pitch	14
shaft size	1.00 inch

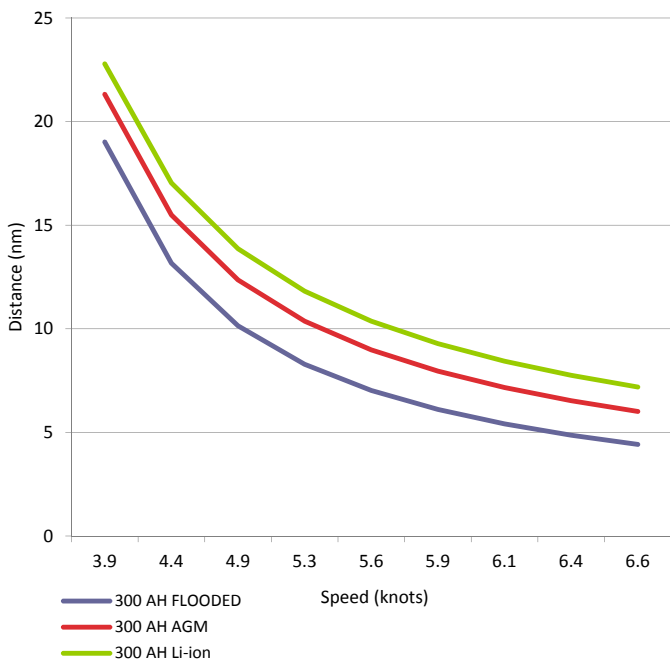
**QT 20.0 Speed & Power**

Kts	Amps	Watts
2.4	10	480
3.1	20	960
3.9	40	1920
4.4	60	2880
4.9	80	3840
5.6	120	5760
6.6	190	9120
7.0	240	11520
7.6	300	14400
Hull speed	7.29	



**Batteries**

Range in Nm: 80% DOD\*



<b>Suggested Battery bank</b>	
LiFePo4	260-520 ah
AGM	250-550 ah
Flooded	250-550 ah

Battery bank Size	Price	Weight
LiFePo4 300 ah	quote	400 lbs
AGM 300 ah	quote	800 lbs
Flooded 300 ah	quote	600 lbs

Kts	Range 80% DOD					
	Flooded 300 ah		AGM 300 ah		LiFePo4 300 ah	
	Hrs	Nm	Hrs	Nm	Hrs	Nm
3.1	11.6	36	12.0	37	12.2	37
3.9	4.9	19	5.5	21	5.9	23
4.4	3.0	13	3.5	15	3.8	17
4.9	2.1	10	2.5	12	2.8	14
5.3	1.6	8	2.0	10	2.3	12
5.9	1.0	6	1.4	8	1.6	9
6.4	0.8	5	1.0	7	1.2	8
6.8	0.6	4	0.8	6	1.0	7

\*DOD = Depth of Discharge