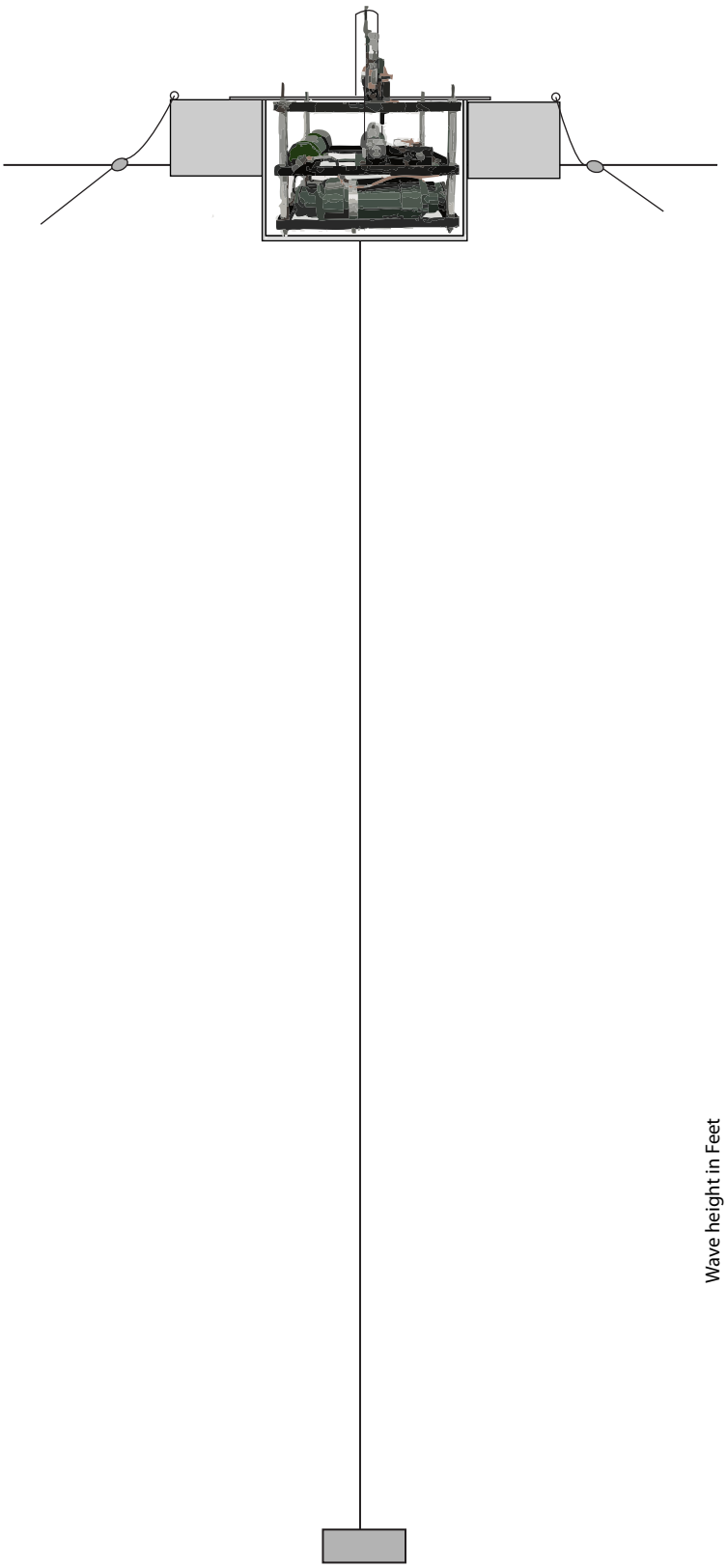
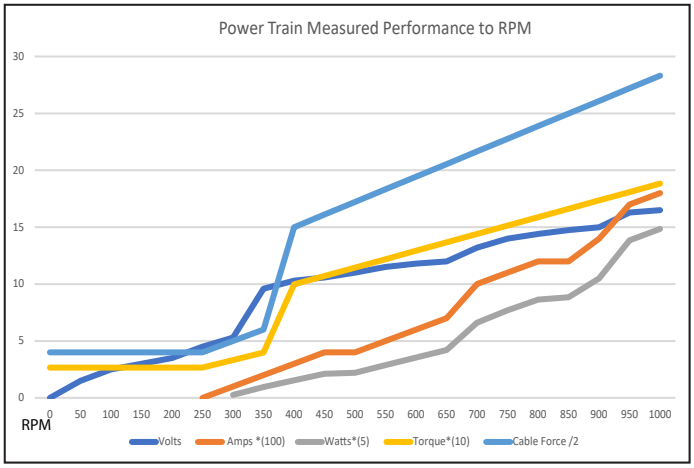
2.5-4 Watt WEC Technical Specifications



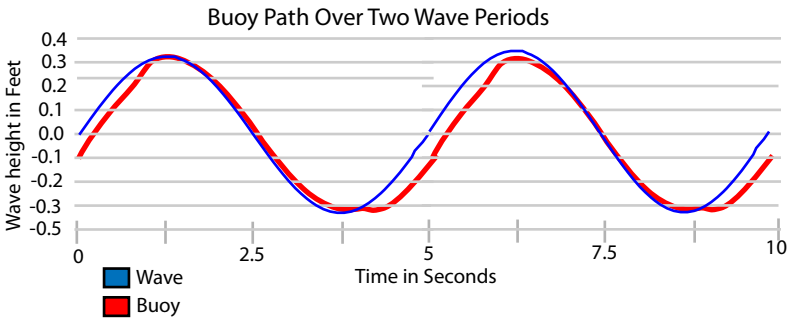
PTO Specifications

Buoy Weight :	77.00 lbs
Cable force full load:	55.00 lbs
Buoy diameter lower section:	1.55 ft
Buoy diameter upper section:	2.50 ft
Height lower submerged section:	0.29 ft
Draft at zero cable tension:	0.47 ft
Draft at full load cable tension:	0.64 ft



Buoy Specifications

Buoy Diameter	1.55 ft
Float Height	0.54 ft
Lower Section Diameter	1.54 ft
Buoy Height	0.83 ft
Static Draft (no cable tension)	0.47 ft



Wave Path $Y_{wave}(t) = A_{wave} \sin(\omega t)$

Buoy Path $Y_{Buoy}(t) = A_{Buoy} \sin(\omega t) - \Delta D(t)$

Note: Graph does not include the effect of hydrodynamic stiffness K_{hs}