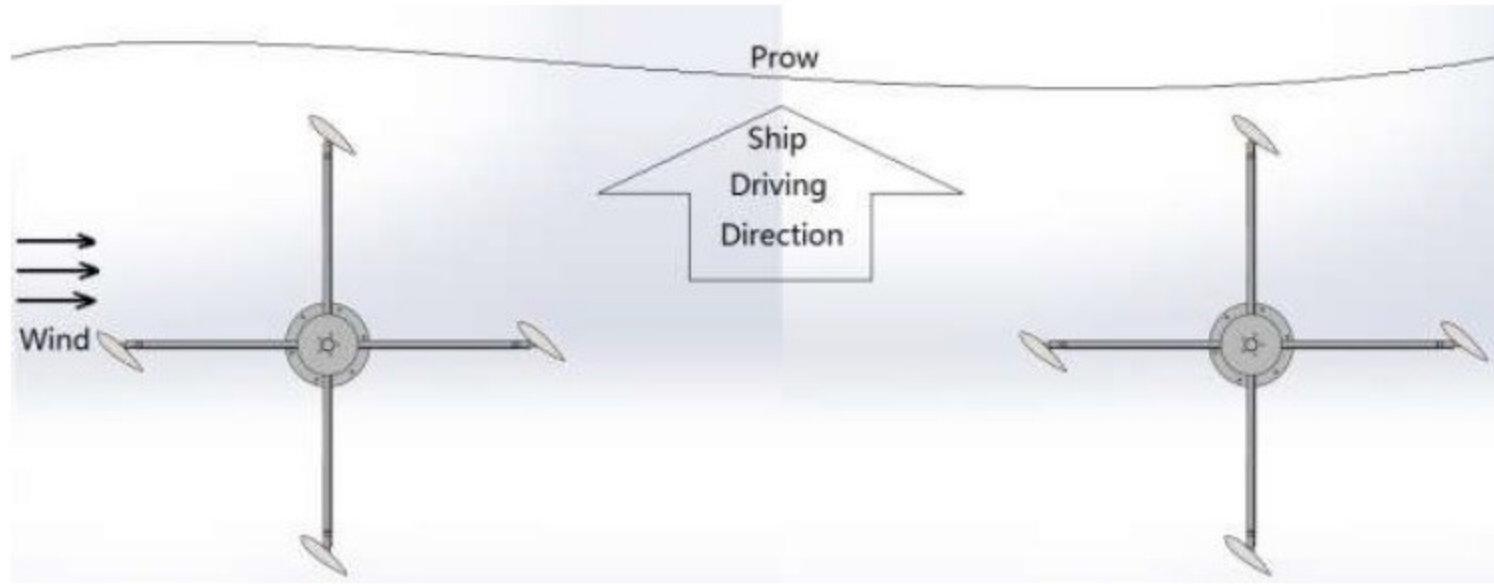


When the yacht driving, each blade will become a sail to driving the yacht. Each blade will be controller by an autopilot. Each blade size is 2.6m width. If the blade length is 40m, total size of 8*sails is 832 square meters.



When the yacht stopped on the sea or on a seaport, it will become vertical wind turbine. The blade angle will according to the blade position, rotating speed, wind direction to adjustable the angle. The turbine diameter is 15m, its power will depend on the blade length. If the blade length is 40m, its power generation performance will be:

Average Wind Speed (m/s)	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
Daily Power generation (kwh)	110	345	770	1,410	2,225	3,130	4,050	4,910	5,650

