

Molas M300

Off Shore Wind Lidar

www.movelas.com

Performance



Basic Parameter

Range	40-300m
Height Level	12
Sampling Rate	1Hz
Speed Accuracy	0.1m/s
Direction Accuracy	1°
Speed Range	0~75m/s
Direction Range	0~360°
Measure Principle	Pulsed Laser Coherent
Doppler	28°

Date Parameter

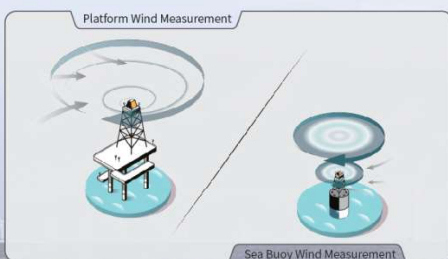
Date Output	Horizontal Wind Speed, Vertical Wind Speed, Wind Direction, Time Stamp, GPS, Temperature, Humidity&Pressure, Statistics
Data Format	ASCII
Communication	Ethernet (100BASE-TX) 3G/4G Satellite Communication(Optional)

General Parameter

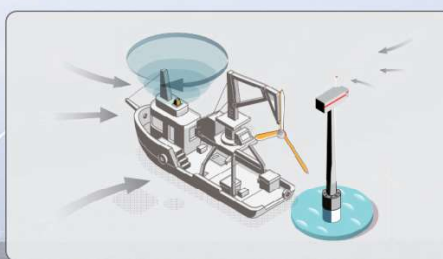
Power Supply	24V DC, 100~240V
Power Consumption	70W
Dimensions	682mm x 520mm x 641mm
Weight	<75kg
Temperature Range	-40°C~50°C
Humidity Range	0% to 100%
IP Protection Level	IP67
Anti-corrosion Grade	C5M, IEC60068-2-52-2017
Human Eye Safety	Class 1M(EN60825-1)

Application

Early Wind Resource Assessment



Construction, Operation&Maintenance



Power Forecast

