

Wind Lidar Specifications:

BRAND NAME OR EQUAL

Model # ZephIR 300-G: Wind Lidar or EQUAL

Power Input:	shall be able to accept 12 VDC
Power Consumption:	less than 100W average under normal operating conditions
Measurement Height Range:	10-200m
Required Measurements:	wind speed, wind direction, turbulence intensity
Number of Sampling Heights:	at least 8, user configurable
Wind Speed Accuracy:	within 1%
Wind Direction Accuracy:	within 1°
Sampling Rate:	at least 10 Hz
Weight:	not to exceed 150 lb
Operating Temperature:	-20 – 115 °F
Laser Eye Safety:	IEC 60825-1 Class 1
Interface:	900 MHz spread spectrum radio link with TCP/IP interface over Ethernet
Software:	live measurement monitoring and lidar configuration software