

## WindTalker™

Solar Powered Ultrasonic Anemometer  
with GSM



### Applications

- Helipads
- Commercial and regional airports
- HVAC
- Pollution control
- Portable weather stations
- Roadside weather stations
- RC plane clubs

The WindTalker™ is a solar powered ultrasonic anemometer which enables users to remotely access real-time and historical data about the wind speed and direction at the location of their installation via cell-phone (SMS message) or PC web portal interface.

### Features

- CE Certified **CE**
- Monitor wind speed & direction using any cell-phone or secure website user-portal login
- Completely self-contained
- Real time information
- GSM network - universal standard for mobile communication
- Corrosion free, UV-stabilized material
- All weather sensing technology
- True 0-359° operation (no dead band)
- Ideal for applications that demand economic wind sensing
- 4 x 10watt multicrystalline solar modules, ensuring maximum light collection to charge the battery
- Internal user-replaceable 55Ah battery

### Ordering Information

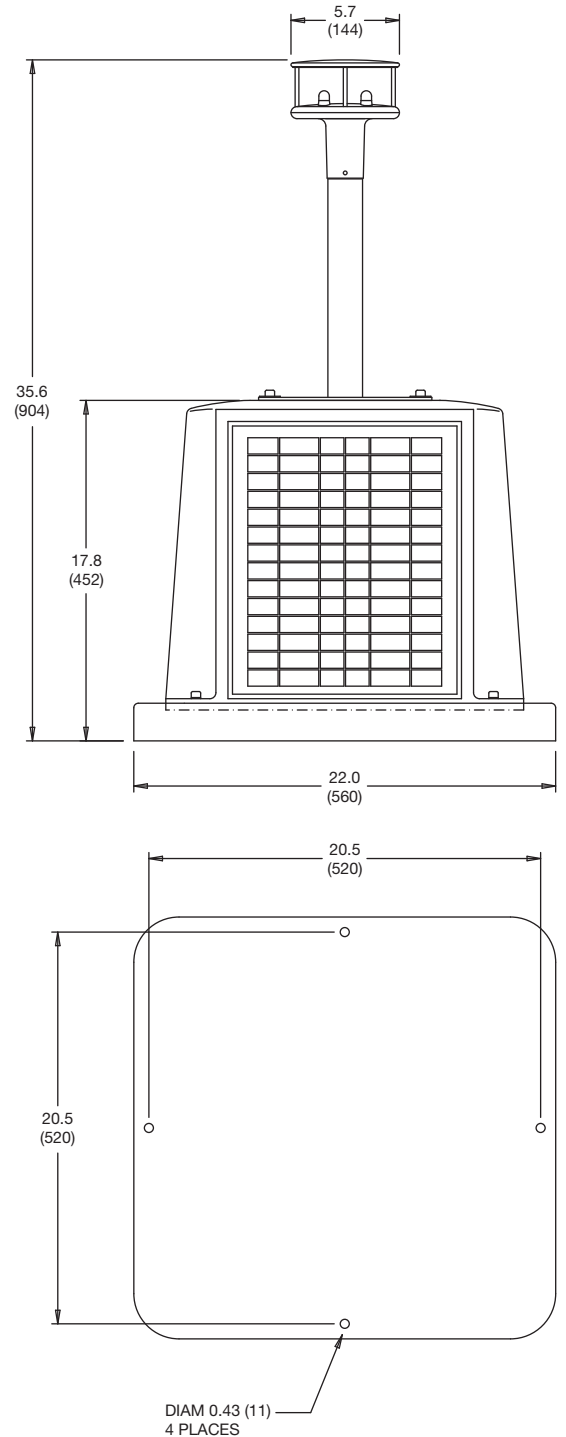
W I N D T A L K E R

Part Number: \_\_\_\_\_  
WINDTALKER

## Specifications

Anemometer Characteristics	
Wind Speed	Range 0-116 knots
Wind Direction Range	0-359° (no dead band)
Operating Temperature	-35°C to +70°C
Moisture Protection	IP65
External Construction	Polycarbonate
NMEA O/P	Yes
Charging	Internal regulator
Electrical Characteristics	
Current Draw (mA)	50mA at 12v (approx)
Circuit Protection	Integrated
Nominal Voltage (v)	12
Temperature Range	-40°F to +176°F (-40°C to 80°C)
Solar Characteristics	
Solar Module Type	Multicrystalline
Output (watts)	40 (4 x 10watt)
Solar Module Efficiency (%)	14
Charging Regulation	Microprocessor controlled
Power Supply	
Battery Type	SLA (Sealed Lead Acid)
Battery Capacity (Ah)	55
Nominal Voltage (v)	12
Battery Service Life	Average 5 years
Autonomy (days)	36
Physical Characteristics	
Body Material	Rotationally-moulded UV-stabilised virgin polyethylene
Mounting	4 x 11mm mounting holes
Height (mm/inches)	928 / 36 1/2
Width (mm/inches)	560 / 22
Weight (kg/lbs)	37 / 81 1/2
Product Life Expectancy	Up to 12 years

## Outline Drawing



**Dimensions:** inches (mm)  
**Instruction Manual:** Consult factory

Solar Aviation Light Products are manufactured by Avlite Systems, Victoria, Australia.

