

# SolaNOVA-65

6NM self-contained lantern

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Tideland Signal has combined its proven solar module and battery self-contained package with the rugged and optically superior Nova-65 LED Lantern. This combination provides a low maintenance and longer-range signal lantern, called SolaNOVA-65. The SolaNOVA-65 is capable of ranges in excess of 6NM covering a variety of fixed applications. In addition, four vertical divergence options of 5°, 10°, 20° and 30° make it the ideal lantern for fixed structures or buoy applications. Revolutionary optics/Solar power system greatly increase efficiency making the SolaNOVA-65 suitable for northern and low solar radiation applications.



## CHARACTERISTICS

- User selectable power setting for visual range
- Battery test and charge mode selection without opening the lantern housing (Quick Check)
- Seasonal shutdown
- Photovoltaic system sized for demanding locations
- SignalView software to program user options
- Temperature compensated LED drive circuits ensure uniform brightness with ambient temperature change
- Available for Class I Division 2 Hazardous Locations
- Availability in all IALA approved colors shown here in IALA approved red
- Optional GPS synchronization module
- 256 user selectable flash characters
- Full monitor and control capability
- Vertical divergence options of 5°, 10°, 20° and 30°

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Attribute	Details
Power	4.5W at 6V
Colors Available	Red, green, yellow, white (blue upon special request)
Typical Vertical Divergences @ 50% (varies by color)	5 Degree > 4.5° 10 Degree > 9° 20 Degree > 19° 30 Degree > 29°
Visibility	360° horizon (omnidirectional)
Operating Temperature	-40° C to +60° C
Battery Type	Lithium-Iron Phosphate (LiFeO <sub>4</sub> ) or Lead Acid
Base and Main Housing	UV resistant polycarbonate
Weight (varies by battery option)	5,8kg (12.8lbs) max
IP Rating	IP 67
NOTE: Specifications are subject to change.	

