

SmartOne Solar

The SmartOne Solar is a solar-powered, low maintenance satellite device that provides remote monitoring and tracking delivered in near real-time. The SmartOne Solar's NiMH rechargeable batteries can deliver over 8 years of life, drastically reducing maintenance time and cost for labor and parts. SmartOne Solar's versatility makes it an ideal critical monitoring, tracking, and automated data collection device for countless industries with remote assets that are beyond traditional wireless networks.



Key Features

- Solar-power recharges the internal batteries to provide 8+ years of maintenance-free service
- Uses screw mounts or stainless steel bracket for quick installation
- Simple packaging that requires no harnesses, external power, or external antennas
- Automatic alert function: Senses a change of location and sends an alert if the asset moves outside of a preconfigured range
- A Reduced Messaging Mode that lessens satellite messaging if the asset remains in the same location for a predetermined period of time
- Two dry contact or wetted-voltage inputs available to manage engine run time, tank level, or various alarm inputs
- Bluetooth interface for configuration and firmware updates

Technical Specifications

Physical

Dimensions: 3.25 x 7 x 1.125"
Weight: 13.5 oz

Standards

WEEE Compliant
GMPCS-MoU
IP69K (Ingress Protection)
MIL-STD-810G

Battery Type

Built-in rechargeable NiMH batteries (non-replaceable)

Environmental

Temperature: -30° to +75° C

Satellite Technology

Global LEO Satellite operation using the Globalstar Simplex Data Network

Intrinsic Safety Certifications

- ATEX/IEC Ex ia IIC T4 Ga, AEx ia IIC T4 Ga
For international Zone 0 applications, IECEx, OSHA Hazard Location Classification of Class 1, UL 60079-0, CSA 22.2 No. 60079-0, CSA 157-92 (Class1 Div1), HERO
- EX COMPONENT, related to schedule drawing 84128



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