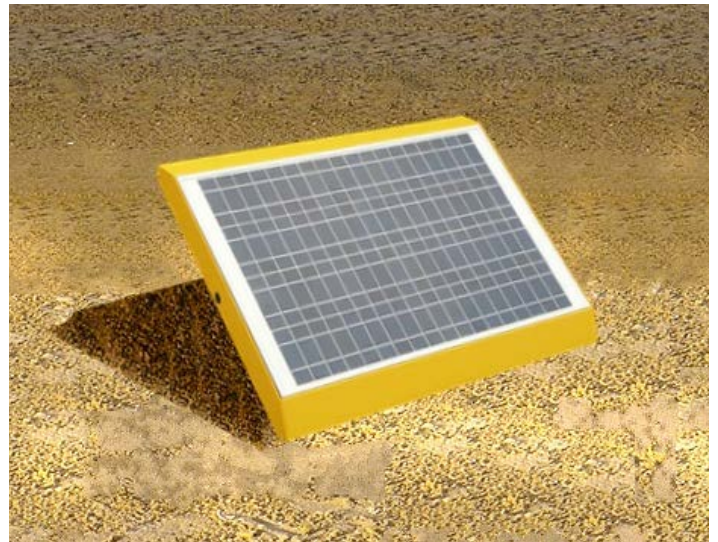


Solar Series RMS Portable Solar Engine

COMPILES WITH ICAO ADM, PART 6

The Solar Series Portable RMS is a solar engine specifically designed for temporary or sustaining airfield operations. The modular and expandable system enables up to 4 RMS engines to be linked together to increase autonomy and operating ability for a variety of airport equipment. The portable RMS is quickly and easily installed by two people, enabling airfield equipment to be operational in minutes with optional radio frequency controller, the RMS can be controlled and operated from the ground, ATC tower or aircraft to power both visible and infrared LED lighting intensities. Designed with portability in mind, the Solar Series Portable RMS is a compact, all-in-one unit with military grade quick-connect cables for rugged durability.



SPECS

Solar Series RMS Solar Engine

FEATURE BENEFITS

INCREASE SAFETY

The self-contained system is engineered to comply with frangibility requirements, preventing damage to aircraft.

DECREASE COSTS

With zero electricity costs, simple installation and almost no maintenance, the Solar Series RMS Solar Engine quickly realizes long-term cost savings.

FLEXIBLE

The Solar Series RMS Solar Engine can be mounted on frangible couplings, pole mounted or custom mounted to almost any surface. With a simple design and the ability to power a wide range of Solar Series products, it is a very simple and flexible power source.

CUSTOM SIZING

With over 15 years experience in designing solar power systems, our solar experts will ensure a system that operates reliably, regardless of the installation location.

FULL CONTROL

Available with optional RF Controller. This enables the entire airfield lighting system to be controlled wirelessly from an Air Traffic Control Tower, Aircraft and Ground.



SPECIFICATIONS

MECHANICAL

Configuration	Self-contained Solar Engine
Mounting Options	Side of pole mount for 2" to 4" pole sizes Frangible-coupling mount, with floor flanges
Housing Colors	Aviation Yellow Custom Colors Available
Weight	Varies upon system design
Dimensions	
RMS50	27.5"x25"x4"
RMS80	27.5"x42"x4"
RMS120	38"x43.5"x4"
Enclosure and mount	Powder Coated Steel

SOLAR

Solar Module Technology	Crystalline & Amorphous
Operating Voltage	12V or 24V
Module Size	
RMS50	50 Watts
RMS80	80 Watts
RMS120	120 Watts

ELECTRICAL

Battery Type	Maintenance free, AGM, Lead Acid
Battery Autonomy	7 days or greater
Lighting Control	Optional
Low Voltage Disconnect	Yes
Optional Radio Control	Optional Radio Frequency Controller

ENVIRONMENTAL

Operating Temperature	-300 to +500C (-220 to 1220F)
Weather Protection	Enclosure is NEMA 4, IP65

WARRANTY AND LIFE EXPECTANCY

Warranty	5 years on system components 3 years pro-rated battery
Solar Panel Life Expectancy	25 years