



Integrator's IO Solar Kit

Turn-Key Integration

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Overview:

FreeWave® Technologies offers an All-In-One, turn key solar power kit for use with Free-Wave IO radios. This kit solves the challenges of sourcing and sizing solar systems for power at remote IO locations. It is specifically designed to be bundled with FreeWave® radios to combine the Best-In-Class radios with easy to integrate, easy to install kits.

Features:

- 5 Watt, 12 Volt solar panel.
Dimensions: 10" w x 7" h
- 12 Volt, 7 Amp hour battery– provides up to 7 days autonomy for the FreeWave® IO remote radio AND two sensors assuming adequate solar coverage.
- Weatherproof enclosure.
Dimensions: 9.5" w x 4.5" d
- Basic, necessary mounting hardware and wiring for the enclosure.
- Easy to use instructions.

Options:

- RF pigtail to bulk head to carry the RF signal from the radio to an external antenna cable.
- RF cable of various lengths to carry the signal up the pole to the external antenna.
- Directional (YAGI) and Omni-Directional Antennas with various signal gain options.

The FreeWave® Integrator's IO Solar Kit meets most communication requirements with a unity gain antenna. However, FreeWave® also offers options for upgrading to externally mounted antennas (not included).

FreeWave® also provides free signal path studies to assist in properly selecting the right cable size and length as well as the appropriate antenna. All cables and antennas sold by FreeWave® are tested and certified by FreeWave®. We stock most lengths and most antenna options.

Additional Information:

Please contact your FreeWave® Salesperson or reseller or Technical Support at 303.381.9200 or via e-mail at moreinfo@freewave.com



*The radio and antenna are provided separately. FreeWave® recommends using the IO radio with the straight up connector