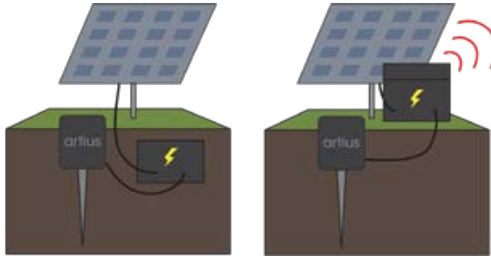


ARTIUS POWER MODULE (APM)



Compact and adaptable power and communication module for remote deployments

The APM is a compact, field-ready power and communication solution for Artius node deployments.

Designed for reliability in remote environments, the APM is available in four configurations to suit varied operational and communication requirements.

Variation options are based on typical requirements for either a one week or a four week deployment either with or without GSM modem. All variations have the option to connect an external power source, such as a solar panel, for supplementary supply where communications or configurations demand.

Variation options:

All variations have a charge regulator and the ability to directly connect with a solar panel or external DC power source.

- APM-0001: 192 Wh lithium battery module
- APM-0002: 864 Wh lithium battery module
- APM-1001: 192 Wh lithium battery module with integrated GSM modem
- APM-1002: 864 Wh lithium battery module with integrated GSM modem



Key Features

A rechargeable integrated lithium battery module with Charge Regulation for solar power or external DC power source

Options for integrated GSM Modem for data streaming via mobile telecommunications (one sim card)

Battery run-time options designed for either a 1 week or a 4 week deployment, depending on configuration, with the option to top-up via external source (e.g. solar panel)

The APM logs power state-of-health for post deployment assessment and refinement of deployment design

Rugged, weather-resistant casing for remote conditions IP67

Plug and play integration with minimal set-up

Power input range 9 - 24 volts

Images: Top: APM being deployed with Artius.
Bottom: APM with Artius and solar panels

Güralp Systems Limited
Midas House
Calleva Park
Aldermaston
Reading
RG7 8EA
United Kingdom

T +44 118 981 9056
F +44 118 981 9943
E sales@guralp.com

www.guralp.com

In the interests of continual improvement with respect to design, reliability, function or otherwise, all product specifications and data are subject to change without prior notice.

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