

RAPID DEPLOYMENT KIT



FOR GÜRALP SMART SEISMIC INSTRUMENTATION



Everything you need to deploy and power a weak and/or strong motion smart seismic station in a compact protective case.

The Rapid Deployment Kit is designed to transport and power Güralp's smart seismic instrumentation to form an instant broadband station in the field. The kit is fitted with a re-chargeable 400 Wh lithium battery module, two 20 W solar panels, a GNSS receiver, a modem and a modem aerial.

Instrument options

Designed with flexibility in mind, you can select one or more instruments for each kit, for example the Certis seismometer and the Fortis accelerometer partnered with the ultra-low-power Minimus₂ digitiser.

Once on site, the instruments can be removed and installed whilst the digitiser and modem remain fully protected inside the case. All connections between the exterior and interior instrumentation are made via a connector plate on the side of the case. The case is made from ultra high impact structural copolymer and fitted with an O ring forming a watertight seal with an automatic purge valve for equalization. The case is shock resistant, watertight, airtight and chemical/corrosion proof.

Confident power supply

As well as providing an impressive 400 Wh of battery capacity, this kit also allows you to remotely monitor power usage, stored battery capacity and solar re-charge rates so you can actively manage power utilisation. To preserve power, you can configure the modem to turn on at predetermined intervals for data transmission such as state-of-health and event tables. You can choose to transfer all recorded data or prioritise specific time windows based on the event table.

Contents

Battery pack 400 Wh

1 × modem, modem aerial and 5 m aerial cable

2 × 20 W solar panels

2 × 5 m solar panel cables

1 × GNSS with 10 m cable

Key Features

Select the most appropriate Güralp smart instruments for your project

Compact design, the case measures just 524 x 428 x 206 mm

Protector case is shock-resistant, watertight, airtight and chemical/corrosion proof

400 Wh lithium battery

Monitor power usage, stored battery capacity and solar re-charge rate for confident power supply

Images of Rapid Deployment Kit

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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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