

## RPS Battery Cable installation guide

The RPS Battery Cable (RPS-CABLE) provides continuous trickle charging for a 12-volt gel cell battery connected to a Phason Regulated Power Supply (RPS).

The RPS-CABLE prevents excessive current draw from the RPS when charging a battery. The cable limits the charging current to the battery, but does not limit the current the battery provides to the load during power failures.



When using a battery for backup power on an RPS, you must include the charging current for the battery when calculating the total load. Allow 300 mA for the battery. All other loads must not draw more than 700 mA. For more information, see the RPS installation guide.

Use only the VDC terminals to power DC loads. Do not use the BAT terminals.

### Installing the RPS-CABLE

1. Insert the cable and strain relief through the center hole of the RPS and then fasten the cable to the enclosure using the strain relief nut.
2. Connect the cable to the BAT terminals: red wire to the positive (+) terminal and the black wire to the negative (-) terminal.

