

Safety Equipment

BPTM

Backup Power Transfer Meter

Safer Customers, Stronger Grid— BPTM Offers You A Smarter Backup Power Solution



The **Backup Power Transfer Meter (BPTM 731)** is a revolution in smart metering. The **BPTM** allows utility power to automatically switch to

generator power during the event of a power outage. It also switches power back to the utility after power has been restored.

Features

- Allows for the safe transfer of power to the customer's house when the utility grid is off.
- The customer starts the generator after a power outage. The **BPTM** will automatically make the safe transfer. Once the utility power is restored, the **BPTM** will automatically make the safe transfer back to the grid.
- Prevents dangerous backfeed.
- Quick connection to a backup power source.
- Eliminates the need for a third-party meter collar transfer switch.
- For use with a 240 VAC, 30Amp generator (a list of acceptable generators available upon request).
- A 25-foot, 30A cable with integral 30A circuit breakers is included that fits an industry standard generator plug.
- Back voltage sensing circuit prevents unsafe re-closure of the utility service contacts.
- The **BPTM** is automatically powered from the utility line or the generator line, so no battery replacement or other user service is required.



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Made
in the
USA

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Functionality

The **Backup Power Transfer Meter (BPTM 731)** incorporates a Form 2S residential meter into the design that allows customer's service to automatically switch to generator power when there is a loss of utility power. In addition, the **BPTM** will automatically switch the customer's service back to utility power once it is resorted. The **BPTM** ensures that the utility power and the generator power cannot be connected at the same time under any condition.

Three LED indicators notify the current status:

- Utility Power Available
- Utility Power On
- Generator Power On

The **BPTM** constantly monitors the utility line in, the

generator line in, and the line out to the residence. It takes appropriate action based on the conditions present. In conjunction with PG&E, the **BPTM** has been rigorously tested for safety under all imaginable application conditions.

Specifications

Depth: 7.5" (w/ meter)
Panel style: 4 jaw, 200A, Ring type
Diameter: 6.9"
Utility source: 200A, 120/240V, 3W
Weight: 4.6 lbs.
Backup source: 30A, 120/240V, 3W and L14-30R twist lock receptacle
Designed to work with Aclara, Itron, and Landis+Gyr meters.

