

BRIDGEPORT MAGNETICS

Power Back®

Temporary Service Restoration Autotransformers.

Early models of transportable autotransformers were heavy, weighing in between 250 and 400 lbs. Unloading and loading back on the truck required a hoist, and they often took two persons to move in place at the meter pan.

Bridgeport Magnetics specializes in toroidal transformers which are much lighter and smaller than traditional E-I models so when we introduced our **Power-Back** series in 2008 it came out 40-50% lighter than the competition.

Current **Power-Back** models with sturdy stainless enclosures and wide 10" wheels now reside on power utility depots and trucks countrywide. GPS tracking systems are available to follow deployment and ensure recovery after line repairs.



On the occasion of the **2021 Lineman's Rodeo** we are proud to introduce two additional **Power-Back** Models, both featuring non-metallic enclosures which do not require connection to customer's ground or driven ground rods.

- **The 20KVA PB-light** featuring an aluminum wheeled base with a low center of gravity at only 110 lbs.
- **Resin case does not require grounding.**
- **The 20 KVA Trident.** A carry-in model, consists of 3 individual components: Two 10KVA transformers and a control unit which attaches directly to the meter pan. At 40 lbs. the plug-in transformers comply with union regulations allowing 60lb. max carry weight. **Trident** is compact and can reside on a light truck or even in a car trunk for immediate use.



TRIDENT can restore a lost Phase or Neutral in households with up to 200 Amp service by means of one or two identical 10KVA autotransformers, each weighing 40 lbs. and a control unit integrated with a plug-in meter adapter.

Each autotransformer is controlled by an individual circuit breaker enabling two output power selections.

Service. Amp	Transformers	Power KVA
100	one	10
200	two	20

The transformers feature a carrying handle and means for holding the cable and plug in place when not in use. They fit easily on a light truck or in a car trunk and are carried in to be placed on the ground below the residence meter pan.

The toroidal autotransformers are encapsulated in a cup shaped enclosure molded from high-strength flame rated ABS polymer. The same resin is used in the control unit enclosure rendering all surfaces non-conducting.

The non-metallic enclosures do not require grounding to a driven spear or residence ground for personal safety.



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