

DC Power Supply

DC power for underground vaults



The Lindsey UG Power Supply generates DC power proportional to the current through the CTs. The power supply can deliver 20W DC power with only 50A through primary underground cable, 50W with 300A and 65W with 600A through primary underground cable. The three sealed, split-core CTs can be installed on a single phase or on three separate phases. Watertight cables connect the CTs to the water tight DC Power Supply enclosure which can recharge a battery, power a DC pump motor, or power a communications system with a watertight 12 foot (3.6m) cable.



Features:

- 12V, 20-65W DC Power for motor operations and communications systems.
- 12V, 33 amp-hour battery charger with 6.0A currents limiter and temperature compensation.
- Applicable for 200A or 600A, 15kV-35kV underground systems.
- Easy installation (split-core CTs fit over the underground cable), no maintenance or calibration.