

Princeton Power GTIB 125 Inverter

Inverter- Princeton Power

The GTIB 480-125 Grid-tied Inverter is a bi-directional DC-AC inverter that facilitates the interconnection of a variety of DC power sources or energy storage systems with a 3-phase utility power connection. The GTIB 480-125 inverter can operate on a 480VAC-60Hz 3-phase utility grid voltage. The inverter is certified to UL standard 1741 and IEEE standard 1547 for grid-tied inverters and is currently undergoing CE certification.



GENERAL SPECIFICATIONS

■ Inverter Technology	High-frequency PWM	■ AC Frequency	60/50 Hz
■ Size	3' W x 1.5' D x 6.25' H	■ Weight	990 lbs
■ DC Voltage	280-600 VDC	■ AC Voltage	480 VAC
■ Max Input Power (Discharge)	130kW	■ Harmonic Distortion	Current<5%, Volt.<3%
■ Max Output Power (Charging)	125kW	■ Peak Efficiency	96%
■ Power Factor Range	0 to 1.0	■ Standards Compliance	IEEE 1547/UL1741

Grid Interface Panel (GIP)

The Grid Interface Panel collects building voltage and power telemetry for use by the command and control system. It is typically located adjacent to the existing electric meter but can also be used to sub meter other branches within a building. The GIP can also house grid protection relay as required and performs the network firewall functions for the rest of the DEN System. The GIP also houses the DEN.OS Site controller.

- Enclosure Size 2' W x .0.75' D x 3' H
- Enclosure Weight 75 lbs (wall mount)

