

Power

Generator Expansion Module

Extended Runtime in VoIP and Mission Critical Applications



GEM and UPE-3 Enclosure



GEM and PWE-3 Enclosure

- Quick and easy pole, ground, or standalone installations for the portable AlphaGen™
- Field-installable to existing PWE-3/6 and UPE-3/6 enclosures
- Provides 4-15 additional hours of runtime
- Protects generator from weather and theft
- Can be left in place or easily removed after an outage
- Optional Line Transfer Switch (LTS) for automatic operation

The Generator Expansion Module (GEM) is an innovative way of expanding runtime for PWE-3/6 or UPE-3/6 enclosures. The GEM is easily installed to the base of a PWE or the top of a UPE enclosure to shelter and safeguard an AlphaGen™ lightweight portable generator. Once the mounting hardware is in place, the GEM can be quickly removed or re-installed without tools.

The GEM can be deployed independently or as a part of Alpha's Generator Expansion Module system, that includes the GEM, a mounting kit, a line transfer switch, and an AlphaGen™ portable generator. The GEM system makes upgrading to generator backup simple and fast.



Generator Expansion Module

GEM Size and Weight Specifications



The GEM is a weather-resistant enclosure with all aluminum welded construction and a durable powdercoat finish.

Dimensions (in/mm):	28W x 23.5H x 17D 711W x 597H x 432D
Weight (lb/kg):	32/14.5 w/o pole mount bracket 34/15. with pole mount bracket

Portable AlphaGen 041-031-10

The Portable AlphaGen™ in a Alpha-supplied single cylinder, 4-stroke OHC, gasoline, portable generator specially qualified for use in the GEM system. The AlphaGen™ portable generator can be easily and quickly installed or removed from GEM enclosures, allowing for dynamic and flexible responses to power outages.

Peak Rated Output:	2000 VA
Continuous Rated Output:	1600 VA
Noise Level:	53-59 dBA
Net Weight (lb/kg):	46.3/21
Runtime:	4-15 hrs



Line Transfer Switch 745-945-20

The generator can be connected to the power supply using an optional Line Transfer Switch (LTS) that automatically switches the power supply to generator power during an outage. Once power has been restored, the Line Transfer Switch (LTS) transfers the load from the generator to qualified utility power without interruption to the load. There is no need for field personnel to manually switch the power supply to utility power.



Mounting Integration Kit and pole mount bracket

The mounting integration kit allows the GEM to be easily mounted to an existing enclosure without removing it from the pole. Once the kit is installed, there are no tools necessary to remove or reinstall the GEM, allowing for fast and easy response to a power outage. The support bracket enables the GEM to be securely left in place.



GEM pole mount bracket

For contact information visit www.alpha.com

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