


Modelo: PWE /PME	ESPECIFICACIONES TECNICAS	
Fecha: 2013		
Hojas 1 de 3		
Asunto	Pole and Ground-mount Enclosures	

PWE/PME Series

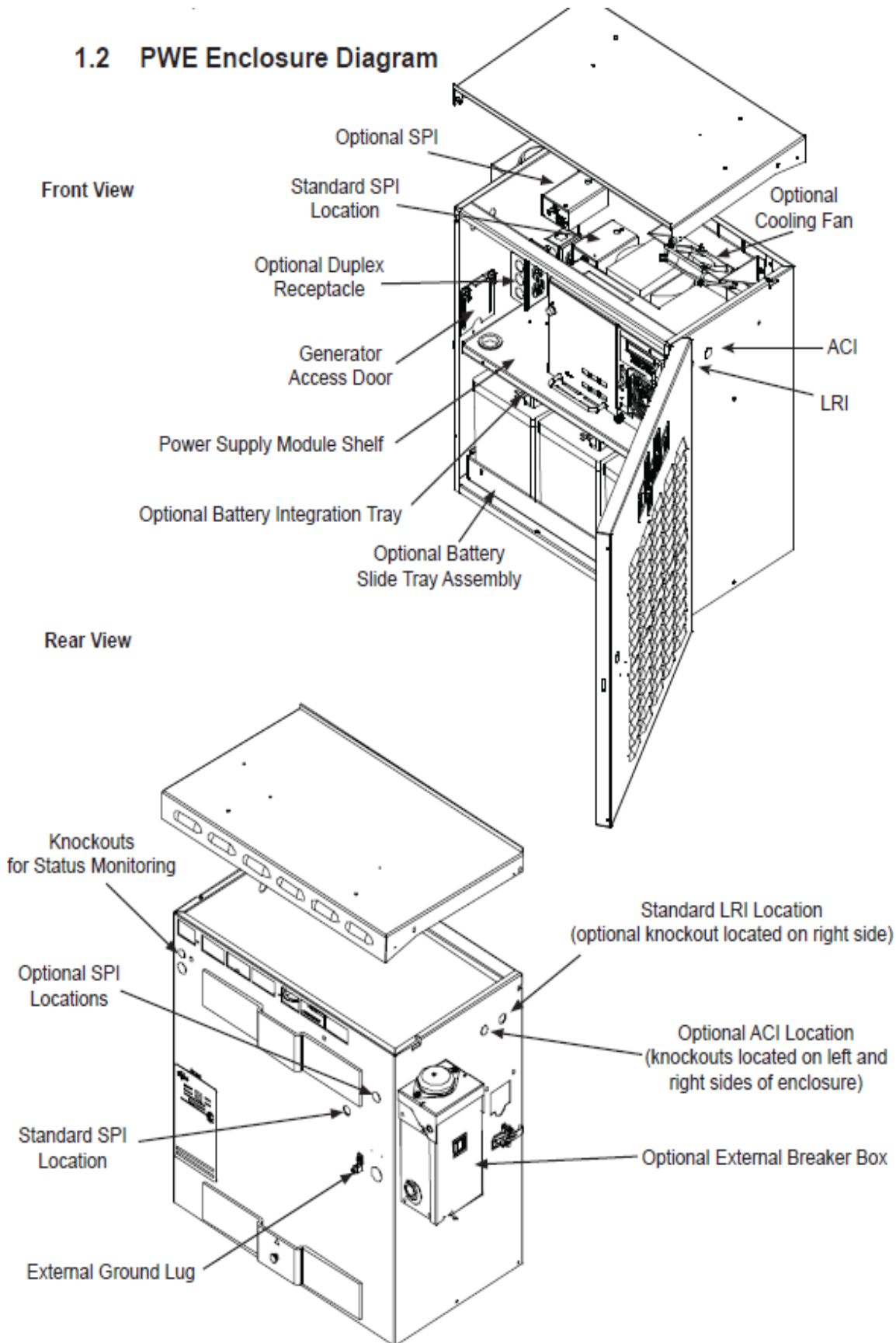
Pole and Ground-mount Enclosures



Power



1.2 PWE Enclosure Diagram



Feature	Description
AC Indicator (ACI)	The ACI verifies voltage output with a green light. Located next to the LRI lamp on the outside of PWE/PME Series enclosures, it is easily monitored from the ground. Because of its longer life, Alpha recommends the ACI-LL (long life) LED over the incandescent light bulb design. 60V and 90V models are available.
Battery Heater Mat (BHM)	The BHM is AC line operated and turns on at 40°F. It increases battery capacity in cold environments. Battery heater mats are available in 120Vac and 240Vac versions.
Battery Mat Option (BMO)	The battery mat option provides additional battery cooling properties.
Battery Retaining Bar (BRB)	The BRB provides additional security against batteries falling out of the enclosure.
External Coax Raceway (ECR)	The ECR conceals and protects the coaxial cables outside the PWE-9 and PWE-D36 when ground-mounted. It is used in conjunction with the available pedestal mount, and is easily removed by unscrewing one wing-nut.
Enclosure Cooling Fan (ECF)	The ECF is a thermostat-controlled cooling system for PWE Series enclosures. Alpha recommends this option in extremely high-temperature environments. The fan automatically turns on at 140°F/60°C and off at 110°F/43°C. Replace the fan fuse with a 1/4" X 1-1/4" (6.4mm x 31.8mm), 5A, 250V fuse only (Alpha P/N 460-025-10).
Lightning Arrester-P+ (LA-P+)	The LA-P+ provides protection against voltage spikes caused by lightning and other power disturbances. It consists of three Metal Oxide Varistors (MOV), and is plugged directly into the enclosure's convenience outlet. The LA-P+ eliminates the need for hard-wired MOVs. Use the LA-P+ 120 in 120Vac applications, and the LA-P+ 240 in 240Vac applications.
Local Remote Indicator (LRI)	The LRI is a red lamp which indicates when the power supply is running in Standby Mode. A major alarm causes the lamp to flash, indicating service is required. Located on the outside of PWE/PME Series enclosures, it is easily monitored from the ground.
Module Retaining Cable (MRC)	The MRC attaches the XM Series 2 power supply to the PWE Series enclosure wall, preventing it from being knocked off of its shelf.
15A and 25A Service Power Inserters (SPI)	A Service Power Inserter is required in all enclosures. The primary function of the SPI is to provide a connection point between the Alpha power supply and the cable load. Additionally, the SPI can bypass the power supply with a Service Power Supply. A 15A SPI is standard on PWE/PME Series enclosures. The SPI-25 (25A) is for use with higher output current power supplies.
Solar Shield Kit (SSK)	The Solar Shield Kit maintains a cooler environment within the PWE-8 enclosure, prolonging the life of the batteries and the power supply. By protecting the enclosure's skin, the shield reduces the amount of solar radiation absorbed by the enclosure (Note: For PWE-8 enclosure only).
Storm Hood Kit (SHK)	The SHK offers protection against dirt and snow ingress. Alpha recommends the use of the ECF (Enclosure Cooling Fan) in enclosures equipped with the SHK.
Tamper Switch (TMPR SW)	The Tamper Switch is a magnetic door switch that connects to status monitoring equipment. Tamper Switches are available either as normally open (NO) or normally closed (NC) and set off an alarm if triggered.
Coax Surge Protector	Provides surge suppression for power supply.
External Generator Connector	Allows a permanent generator connection point.
Battery Slide Tray	Option allows access to battery cabling without removing batteries.
PWE High Security Device (PHSD)	The PHSD is constructed of high grade stainless steel to provide physical security, corrosion resistance, and a strong visible deterrence. The PHSD is compatible with Alpha's PWE enclosures including; PWE 3, 6, and 9.
Ladder Bracket	The ladder bracket option (Alpha P/N 745-095-21) easily attaches to all Alpha PWE Series enclosures and does not require a pole attachment point. The Ladder Bracket provides safe access for technicians servicing power supplies and batteries without the use of a bucket truck.
AlphaGEM	The AlphaGEM Generator Expansion Module is temporarily installed to provide backup power during extended outage periods. See the AlphaGEM Installation Instructions, Alpha P/N 745-872-C0.
BE-PWE	The BE-PWE expands battery backup capacity for PWE-3 enclosures. See the BE-PWE Technical Manual, Alpha P/N 033-077-C0.