

Power

PMR and GMR Series

S1 and S2 Series Pole and Ground Mount FTTx Enclosures



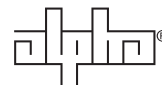
PMR-S1



GMR-S2

- Supports field deployment of FTTx Optical Line Terminals (OLT)
- FlexNet™ 300W UPS provides over 10hrs of runtime
- Thermostatically controlled 48Vdc or 120Vac fan and heater options
- Adjustable 19" EIA equipment racks
- All aluminum construction, durable powdercoat finish and stainless steel hardware

Alpha extends its family of pole and ground mount enclosures with the introduction of the PMR-S1/-S2 and GMR-S1/-S2 Series Enclosures. These enclosures are designed to support FTTx applications using rack mount Last Mile Core processors. The PMR Series is a pole mount enclosure and the GMR Series is a ground mount enclosure system. The PMR-S1 and GMR-S1 enclosures have 8RU of rack space, while the PMR-S2 and GMR-S2 enclosures have 14RU of rack space available. The 19" equipment racks are constructed of corrosion resistant powder coated aluminum and use stainless steel hardware for optimum service life. Enclosures are equipped with an AC service entrance and are supported with a wide range of accessories including Alpha's FlexNet 300W power supply, and 85GXL batteries provide over 10hrs of standby runtime.



PMR and GMR Series

Specifications

Enclosure

Physical

PMR-S1 (in):	26W x 32.2H x 19.25D
(mm):	660W x 818H x 489D
GMR-S1 (in):	27.5W x 31H x 20D
(mm):	699W x 787H x 508D
PMR-S2 (in):	30W x 37H x 19.25D
(mm):	762W x 940H x 489D
GMR-S2 (in):	31W x 38H x 20D
(mm):	787W x 965H x 508D

Weight

PMR-S1 (lb/kg):	40/18
GMR-S1 (lb/kg):	49/22
PMR-S2 (lb/kg):	47/21
GMR-S2 (lb/kg):	63/29

Material:

Powder coated aluminum.

Vent Screen:

Stainless steel fabric with .005" x .005" (.12mm x .12mm) opening size to minimize snow, water and dust ingress

Door and Lid Seal:

Poron gasketing

Hardware:

Stainless steel

Color:

Gray (Custom colors available)

Tamper Switch:

Optional

Grounding

Internal Ground Bar:

Five usable lugs

Safety Ground:

Adjacent to AC outlets
(Optional stainless steel ground stud)

Lid:

Removable (PMR Series includes lanyard)

Door(s)

PMR Series:

Hinged removable with stainless steel spring latch and door open prop rod

GMR Series:

Removable lift-off front and rear door

Enclosure Mounting

PMR Series:

Galvanized steel brackets for wood, and concrete pole mount and wall mount

GMR Series:

Precast polymer concrete pad or PS-6/PS-6XL pedestal systems

Thermal Management

Cooling:

120Vac and 48Vdc fan options

Heating:

120Vac and 48Vdc heater options

Internal Mounting Rails

Rack Mounting:

EIA 19" mounting rails using Tinnerman mounting clips

Grounding:

Rails grounded to chassis

Adjustment:

1" increments over 6" when batteries are not installed.

Enclosure Environmental Rating

Equipment Mounting

Area:

Designed to IP X5 per IEC 529
Dust Ingress controlled by screen opening
IP X5 applies to the equipment mounting area
The service entrance is rated 3R

Fiber Management Options

Fiber Strain

Relief Tie Bar:

19" mounting provides ability to strain relief fiber cable plugged into the front of communications equipment

Splice Tray:

Splice Tray Kit (12 count), includes Splice tray with Elastomer Splice Block, Felt Tape, Tie Wraps, Cover and Recording Label

Management Panel:

Provides fiber slack storage and secures a splice tray using a Velcro strap. Tie wrap slots on sides permit securing fiber cables to panel

Power Supply & Batteries

Model:

FlexNet 300 - 300W 48Vdc output with 48Vdc battery bus with 19" reversible mounting bracket options

Batteries:

48Vdc string of 85 GXL (50Ah) positioned on ends (negative terminal side down) with battery retaining bar option

Battery Cable Kit:

Fused

Battery Heater:

Optional

AC Service:

External 70A rainproof SUSE rated breaker box with internal 120Vac 20A receptacles

Regulatory:

CSA

Notes:

1. Additional equipment rack space is available if batteries are not installed
2. Runtime of 10hrs based on 212W load and new batteries discharged to 1.75VPC at 25°C.



GMR-S1



PMR-S2

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