

Power

FlexPoint™

FPR1207-F Series Indoor 12Vdc 7W UPS



- Telecommunications grade power system provides 7W of 12Vdc primary and standby power for Fiber-to-the-Home (FTTH) RFoG applications
- Customer replaceable, hot swappable 7.2Ah battery
- Emergency battery reserve for greater E911 availability
- Battery management system provides optimum service life and runtime
- Visual and audible status indicators
- Coax F-style interface

Alpha extends its FlexPoint family with the addition of the FPR1207-F series, a telecommunications grade optical network terminal power supply providing 7W of 12Vdc primary and standby power for Fiber-to-the-Home (FTTH) RFoG applications. The FlexPoint FPR1207-F meets the telecommunications industry's most stringent requirements for uncontrolled environments, while providing an aesthetically pleasing solution for sheltered environmentally uncontrolled residential installations. It includes onboard microprocessor based firmware engineered to achieve maximum battery life, system reliability and emergency battery reserve for greater E911 service availability. Unlike other standby power supplies that discharge the battery to the low voltage disconnect point, the FlexPoint FP1207-F reserves 25 percent battery power, enabling activation for emergency telephone calls in extended power outage situations. Standby power is provided by one 7.2Ah battery. User interfaces include visual status indicators, audible alarm and 24 hour silence button.



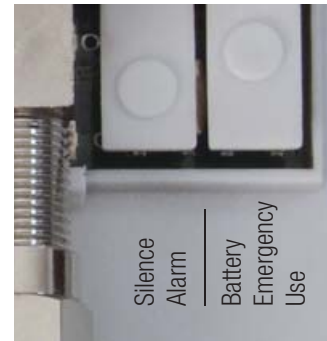
FlexPoint FPR1207-F

Specifications

Input	
AC Input Voltage:	100Vac/240Vac
Input Frequency:	50/60Hz
Output	
Operational Output Power:	7W (ONT load)
Output Voltage:	12Vdc Nominal (Battery voltage upon loss of AC)
Connection:	F-type coaxial
Battery	
Type:	7.2Ah AGM
Recharge Time	18 Hours to 90%
Battery Backup	
Provides approximately 20 Hours of backup at 3.5W*	
Provides approximately 12 Hours of backup at 7W*	
*Based on new, fully-charged battery	
Physical	
Housing Size (in/mm):	7.75H x 8.75W x 3.0D / 197H x 222W x 76D
Weight (lb./kg):	1.3 / 0.59
Battery 7.2Ah (lb./kg):	5.7 / 2.6
Visual Status Indicators	
Green LED:	AC mode
Green LED Flashing:	Battery mode
Red LED:	Failed self test
Red LED flashing:	Battery missing/Low battery
Audible Status Indicators	
Loss of Input Power:	Single, one second beep
Low Battery:	Single 0.5 second beep every 15 seconds at 25% SOC
Replace Battery:	Double beep every 15 minutes
Push Buttons	
Silence Alarm:	Suppresses the audible alarm for 24 hours
Battery Emergency Use:	Accesses reserve battery capacity
Agency Compliance	
Safety (US):	NRTL certified to UL/CSA 60950-1 Ed. 2 (ITE) (Pollution Degree 2, Overvoltage Category II), LPS Output, SELV
Safety (other):	IEC 60950-1:2005, 2nd Ed. + National Deviations. (Pollution Degree 2, Overvoltage Category II), LPS Output, SELV
Safety (EU):	CE, EN 60950-1:2006 Evaluated for use with an IT power system
EMC (US):	FCC part 15 subpart b, Class B
EMC (EU):	CE, EN 55022:2006 (CISPR 22) (Emissions) Class B, EN 55024:1998 +A1 +A2 (Immunity), EN 61000-3-2:2006 (Harmonics), EN 61000-3-3 (Fluctuations and Flicker)
Other	CE, RoHS compliant
Environment	
Storage Temperature:	-20°C to +50°C (-4°F to +122°F)
Operating Temperature:	0°C to 40°C (32°F to 104°F)
Humidity:	5% to 95%
Elevation Operation (max.):	0 to 10,000ft (0 to 3,000m) — derate 2°C per 1,000ft (305m) above 6,000ft (1830m)
Elevation Storage (max.):	50,000ft (15,000m)
Battery Storage:	-20°C to +40°C (-4°F to +104°F) (six months max. storage duration at 25°C / 77°F without a recharge)
Warranty	
FlexPoint FPR1207-F:	3-year, repair or replace
Battery:	Contact Alpha Technologies for model-specific warranty coverage



Coax F-Style Interface



Alarm and Battery Emergency Use Switches



FlexPoint FPR1207-F
Shown with cover removed, battery installed, coaxial cable and power cables connected

For contact information visit www.alpha.com

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