

FlexPoint™ 1208-F RFoG UPS Power



FP1208-F Indoor 12VDC 8W UPS



FP1208-F Series UPS
with battery cover for 5 to 8Ah battery

- Telecommunications grade power system provides 8W of 12VDC UPS power for Radio Frequency over Glass (RFoG) applications
- Replaceable, 5Ah to 8Ah battery
- Battery management system, provides optimum service life and runtime
- Local visual and audible status indicators

Alpha extends its FlexPoint family with the addition of the FP1208-F Series, a telecommunications grade RFoG optical-networking units (R-ONU's) power supply providing 8W of 12VDC UPS power for RFoG applications.

The FlexPoint 1208-F meets the telecommunications industry's most stringent requirements while providing an aesthetically pleasing solution for indoor residential installations. It includes onboard microprocessor based firmware engineered to achieve maximum battery life and system reliability.

Standby 12V power is provided by a 5Ah to 8Ah battery option, optimized by a battery management system. User interfaces include visual status indicators, audible alarm, a startup button and a multi-function silence button.

Input OPS		
AC Input Voltage:	110VAC or 240VAC	
AC Input Frequency:	50/60Hz	
Surge Protection:	Standard	Level
	Telcordia GR-1089 ANSI/IEEE C62.41 IEC 61000-4-5	
	1.2x50ms combination wave, 2kV	

Output	
Operational Output Power (ONT Load):	8W maximum continuous
Output Voltage:	12VDC nominal (battery voltage upon loss of AC)

Mechanical	
Unit Dimensions L x W x D (in/mm):	6.6 x 7.5 x 3.28 / 167.64 x 190.5 x 83.31
Weight without Battery (lb/kg):	1.2 / 0.54
5.1Ah Battery Weight (lb/kg):	3.9 / 1.8
7.2Ah Battery Weight (lb/kg):	5.7 / 2.6
8.0Ah Battery Weight (lb/kg):	5.73 / 2.7

Estimated Battery Runtimes		
Load:	1.5W	4W
5.1Ah Battery Runtime (Hrs):	34.2	12.7
7.2Ah Battery Runtime (Hrs):	54.4	20.0
8.0Ah Battery Runtime (Hrs):	60.7	22.4
Battery Type:	Maintenance free, leak-proof, sealed valve regulated lead acid (VRLA)	

Visual Indicators	
AC Power:	Green LED On: AC power present and powering the ONT
Battery:	Green LED On: Battery powering ONT during AC loss Green Flashing: Battery powering ONT during AC loss and running low
Replace Battery:	Red LED Off: Battery present and working correctly Red LED On: Replace battery / battery missing
Muted Indicator:	Green LED Light: Audible alarm is muted

Audible Status Indicators	
Loss of Input Power:	Single, one second chirp
Low Battery:	Single chirp every 15 seconds at 25% SOC
Replace Battery:	Double chirp spaced fifteen minutes apart

Push Buttons	
DC Start:	Press and hold when unit is off to start up on battery when AC is not present
Silence Alarm:	When any audible alarm is on, press this key at least 1 second and release to silence the audible alarm until power is cycled

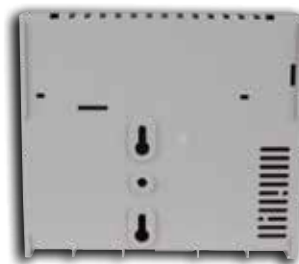
Agency Compliance	
System:	FCC part 15 Class B, NRTLVC (60950-1), CE, C-Tick/RCM, RoHS to EU 2011_65_EC

Environment	
Storage Temperature:	-20 to 45°C / 4 to 113°F
Operating Temperature:	-20 to 45°C / 4 to 113°F
Humidity:	5 to 95% non condensing
Elevation Operation Maximum:	3,000m / 10,000ft derate at 2°C / 35.6°F per 304.8m / 1,000ft above 1,828.8m / 6,000ft
Elevation Storage Maximum:	15,000m / 50,000ft

Interface	
DC Output:	F-Type Coaxial
AC Input:	IEC 320/C6 inlet
Line Cord:	NEMA 5-15 to IEC 320 C5 (other power cords available upon request)

Models and Power Line Cords	
Model:	Power Line Cord (Determined by Model)
FP1208F-5A:	120VAC 3-Conductor NEMA 5-15 power cord
FP1208F-5B:	240VAC 3-Conductor Schuko input power cord
FP1208F-5C:	240VAC 3-Conductor United Kingdom input power cord
FP1208F-5D:	240VAC 3-Conductor Australia/New Zealand input power cord

Supporting Options	
AX-STDBAT-5:	Battery 5.1Ah AGM, 1 year warranty
AX-STDBAT-7:	Battery 7.2Ah AGM, 1 year warranty
AX-LONGBAT-7:	Battery 7.2Ah AGM, 3 year warranty
AX-LONGBAT-8:	Battery 8.0Ah AGM, 3 year warranty



Rear View

Mounting hole pattern options



Coax F Connector: Output



Worldwide Corporate Offices

North America Tel: +1 360.647.2360 Fax: +1 360.671.4936	Europe Tel: +49 9122.79889.0 Fax: +49 9122.79889.21
--	--

Latin America Tel: +561 792.9651 Fax: +561 792.7157	Asia Pacific Tel: +852 2736.8663 Fax: +852 2199.7988
--	---