

FlexPoint™ FTTH UPS Power Series

FP1208F, FP1215, FP1232 & FP1250

Indoor 12Vdc 8W, 15W, 32W & 50W UPS



Your Power Solutions Partner

- Telecommunications grade power systems provide 8W, 15W, 32W & 50W of 12Vdc UPS power for FTTH and Radio Frequency Over Glass (RFoG) applications
- 5Ah to 8Ah battery options*, user replaceable
- Battery management system provides optimum service life and runtime
- Features local visual and audible status indicators and remote alarm interface
- Packet Cable™ interface options

Alpha extends its FlexPoint family with the addition of the FP1208F, FP1215, FP1232 & FP1250 telecommunications grade, optical network terminal power supplies. Each provides 8W, 15W, 32W or 50W of 12Vdc primary and standby power, respectively, for FTTH applications. The 1208F, 1215, 1232 & 1250 meet the telecommunications industry's most stringent requirements while providing aesthetically pleasing solutions for indoor residential installations. Both include onboard microprocessor based firmware engineered to achieve maximum battery life and system reliability. Standby 12V power is provided by a 5 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.

*Batteries available from Alpha, are ordered separately.



Power

FlexPoint™ 1208F, 1215, 1232 & 1250

Consult your Alpha representative for P/N configurations

INPUT OPS		
AC Input Voltage	110Vac or 240Vac	
AC Input Frequency	50/60Hz	
Surge Protection	Standard	Level
	Telecordia GR-1089 ANS/IEEE C62.41 IEC 61000-4-5	
	1.2x50µs combination wave, 2KV	

OUTPUT	FP1208F	FP1215	FP1232	FP1250
Operational Output Power (ONT Load)	8W max. continuous	15W max. continuous	32W max. continuous	50W max. continuous
Output Voltage	12Vdc nominal (battery voltage upon loss of AC)			

MECHANICAL	FP1208F	FP1215	FP1232	FP1250
Dimensions for: 5, 6.5, 7.2 or 8Ah Battery				
in (L x W x D)	6.6 x 7.5 x 3.28			
mm (L x W x D)	167.64 x 190.5 x 83.3			
Weight				
w/o Battery	1.2lb (0.54kg)	1.2lb (0.54kg)	1.3lb (0.58kg)	1.4lb (0.63kg)
5.0Ah	3.9lb (1.8kg)			
7.2Ah	5.7lb (2.6kg)			
8.0Ah	5.73lb (2.7kg)			

ESTIMATED BATTERY RUNTIMES*	FP1208	
	1.5W Load	4W Load
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 RUNTIMES*	FP1215		FP1232		FP1250	
	7.5W Load	15W Load	16W Load	32W Load	36W Load	50W Load
5.1Ah Battery (hrs)	6.3	2.8	2.5	1.1	0.9	0.7
7.2Ah Battery (hrs)	9.9	4.2	3.9	1.6	1.4	1.0
8.0Ah Battery (hrs)	11.2	5.0	4.7	2.0	1.7	1.1

Battery Type	Maintenance free, leak-proof, sealed valve regulated lead acid (VRLA)
*Battery Runtime @ 25°C	

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 without AC 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, C-NRTL/C (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	FlexPoint 1215/1232/1250 Removable screw terminal plug accepts (2) 16AWG and (5) 24AWG wires FlexPoint 1208F F-Type Coaxial
AC Input	IEC 320/C6 inlet
Line Cord	NEMA 5-15 to IEC 320 C5 (other power cords available upon request)

MODEL	FP1208F	FP1215	FP1232	FP1250
PART NUMBER	010-353-20	010-354-20	010-355-20	010-356-20
POWER LINE CORD	120Vac 3-conductor NEMA 5-15 power cord			

SUPPORTING OPTIONS	
AX-STDBAT-5	Battery 5.1Ah AGM, 1 year warranty
AX-LONGBAT-5	Battery 5.1Ah AGM, 3 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
FTTH-CBL	ONT hook-up cable, 2x16AWG and 5x24AWG, CMX UL listed



Rear View Mounting hole pattern options



FP1215, FP1232, FP1250 Output Cable Connection



1208 Coax F Connector: Output

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