

CEL-FI[™] QUATRA RED

Battery Backup Unit ERCES Solution

DATA SHEET

MODEL NUMBER:
F43-00



QUATRA RED
Battery Backup
Unit (BBU)
(Batteries are
not included)

The Cel-Fi QUATRA RED Battery Backup Unit (BBU) provides constant direct current and battery charging capabilities for Cel-Fi QUATRA RED ERCES Integrated Public Safety DAS installations. In the event of a power failure, the QUATRA RED BBU allows the QUATRA RED system to maintain peak operation for up to 12 hours. In addition to being NEMA 4 rated and listed to UL 2524, the Cel-Fi QUATRA RED BBU requires four 12-volt lead-acid batteries and includes accessories for wall mounting and cabling for connecting to the Cel-Fi QUATRA RED Management Unit.

Key Features

- Delivers Direct Constant Current to all Active Cel-Fi QUATRA RED Components and Accessories, including the Management Unit, Network Unit, Coverage Unit, and Cel-Fi RED Remote Annunciator Panel (RA) and Emergency Power-Off Switch (EPO)
- Provides Backup Power for up to 12 Hours during Power Outages
- Requires 12V Lead-Acid Batteries
- Two Alarms Ports for Monitoring of the BBU
- Listed to UL 2524 and FCC Part 15 Compliant
- NEMA 4 Enclosure



Physical Specifications

Part Number	F43-00
Enclosure Size (in) WxHxD	17.40 x 37.09 x 14.88
Weight without batteries	66.14 lb

Estimated Weight: 66.14 lb

Power

Input voltage	115 VAC
Output voltage	48 VDC

Environmental

Operating Temperature	0°C – 50°C
Operating Humidity	95%

Connections

Alarm Port	2x dry contact alarms
Input Power	AC cord through waterproof gland
Output Power	DC cord through waterproof gland

Supported Alarms

- Normal AC power
- Loss of Normal AC power
- Battery Charger Fail
- Low Battery Capacity @ 30% of Capacity

Certifications

FCC Part 15, 22, 24, 27, 20, 90	• Listed to UL 2524	• UL 50E (CU)	
	• IFC 510	• NEMA 4	
	• NFPA 1221	• ISED (Canada)	

Battery Chart

#CU	LMR Single Band	LMR Dual Band	LMR + LTE	LMR Single Band	LMR Dual Band	LMR + LTE
1	40Ah	40Ah	40Ah	45Ah	50Ah	65Ah
2	40Ah	45Ah	45Ah	65Ah	80Ah	100Ah
3	45Ah	50Ah	65Ah	100Ah	100Ah	110Ah
4	65Ah	65Ah	80Ah	110Ah	120Ah	150Ah
5	65Ah	80Ah	100Ah	150Ah	150Ah	200Ah
6	80Ah	100Ah	100Ah	200Ah	200Ah	250Ah
12 hrs Backup				24 hrs Backup		

Cel-Fi BBU M/N: F43-00

Third-party BBU

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