

One source.
One company.
The only
solution.

The Integrated
Rack System



innovative

We simplify state-of-the-art standby power.

To our telecom and utility clients, time is literally money. That's why we created the C&D TECHNOLOGIES Integrated Rack Systems. They're completely prepackaged, easy-to-order power solutions that arrive to you in one shipment. There's no need to search for multiple vendors, no extra costs to warehouse or consolidate multiple shipments, and no worrying about part compatibility. With a C&D system, you get a complete package of batteries and electronics that delivers years of reliable, worry-free operation.



Non-Seismic system components

Item	Part Numbers	Description
AGM 600 Plant	110-4200L-4A	LVD, Distribution, & Monitoring
7' Relay Rack	170-0023-10	Relay Rack, Aluminum
Modular Rectifier	100-7530-48	48V, 30 Amp Switchmode Rectifier
Battery Tray	RDO2332-A	Heavy-Duty Battery Tray with removable tray lip for easy installation
Battery Disconnect	RD02319-100	100 Amp Breaker Box for each battery tray. For ease of maintenance
FA-12-150	CW-17358	12V, 150 Ahr Battery
FA-12-100	CW-17250	12V, 100 Ahr Battery
FA-12-50	CW-17249	12V, 50 Ahr Battery

Seismic Battery Rack system components

Item	Part Numbers	Description
AGM 600 Plant*	110-4200L-4A	LVD, Distribution, & Monitoring
Short Relay Rack*	170-0224-10	29" (737 mm) H 23" (584 mm) Relay Rack
Modular Rectifier*	100-7530-48	48V, 30 Amp Switchmode Rectifier
Battery Disconnect	CB24PC	Breaker Disconnect Panel containing (1) 100 Amp breakers for each battery shelf.
4-Shelf Rack	RDO2306	Welded Steel, 4-Shelf Battery Rack Rated Seismic Zone 4
FA-12-125	CW-17229	12V, 125 Ahr Battery

*Seismic rating pending



integrated

Our power components work together better.

With other standby power systems, you might not be getting peak performance from every component. But you do with a C&D Integrated Rack System. That's because every power plant is built with our highly rated FA-series batteries, our state-of-the-art AGM 600 modular plant, and a custom-designed rack all created to perform efficiently and reliably as a whole unit.

One solution. One shipment.

As your single source for standby power systems, we'll work with you to pinpoint which C&D system will work best for your specific application. And no matter which system you select, you'll receive it in one convenient shipment.

Features

- High-power density system
- Hot swappable plug-in 48V rectifiers
- High-frequency switchmode rectifiers
- Designed in temperature compensation and low-voltage disconnect
- All front-mounted for easy access
- DC distribution via snap-in breakers
- Field expandability at any time
- Individual battery tray disconnects (L or R mount)
- Front-access batteries



The Integrated Rack Systems

Features AGM 600 power plants matched with FA-series batteries to deliver power and duration configurations that are ideal for a variety of applications, including:

- Cellular
- Competitive Local Exchange Carrier
- Outside Plant
- Private Branch Exchange
- Colocations
- Controlled Environmental Vault
- Internet Service Provider
- Personal Communications Service



Non-Seismic

POWER PLANT	25 AMP PLANT			50 AMP PLANT			75 AMP PLANT
Duration	8 Hour	4 Hour	2 Hour	8 Hour	4 Hour	2 Hour	8 Hour
System Number	110-4800-25-8	110-4800-25-4	110-4800-25-2	110-4800-50-8	110-4800-50-4	110-4800-50-2	110-4800-75-8
AGM 600 Plant	1	1	1	1	1	1	1
7' Relay Rack	1	1	1	1	1	1	1
Modular Rectifier	2	2	2	3	3	3	4
Battery Tray	2	1	1	3	2	1	4
Battery Disconnect	2	1	1	3	2	1	4
FA-12-150	8	-	-	12	8	-	16
FA-12-100	-	4	-	-	-	4	-
FA-12-50	-	-	4	-	-	-	-
Recharge time (approx.)	5.7 hrs	2.8 hrs	1.5 hrs	10 hrs	5 hrs	2.5 hrs	13.3 hrs

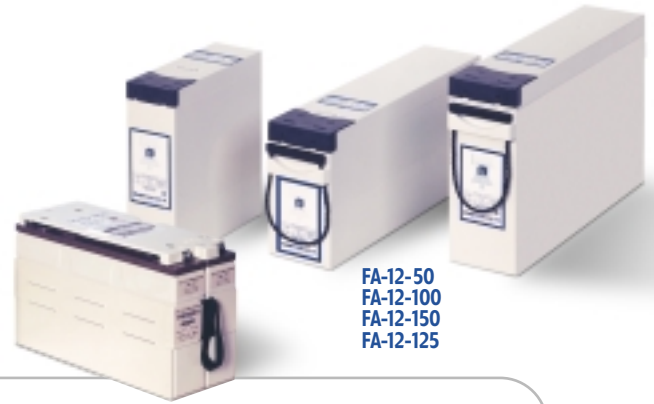
Seismic Battery Rack

POWER PLANT	25 AMP PLANT			50 AMP PLANT			75 AMP PLANT
Duration	8 Hour	4 Hour	2 Hour	8 Hour	4 Hour	2 Hour	8 Hour
System Number	110-4801-25-8	110-4801-25-4	110-4801-25-2	110-4801-50-8	110-4801-50-4	110-4801-50-2	N/A
AGM 600 Plant*	1	1	1	1	1	1	-
Short Relay Rack*	1	1	1	1	1	1	-
Modular Rectifier*	2	2	2	3	3	3	-
Battery Disconnect	1	1	1	1	1	1	-
4-Shelf Rack	1	1	1	1	1	1	-
FA-12-125	8	4	4	16	8	4	-
Recharge time (approx.)	5.7 hrs	2.8 hrs	1.4 hrs	10 hrs	5 hrs	2.5 hrs	-

*Seismic rating pending

The AGM 600 Power Plant

Combines highly efficient modular rectifiers, snap-in circuit breaker distribution, plant monitoring and alarm functions all into one system. Its flexible design can accommodate your current and future system needs.



FA-12-50
FA-12-100
FA-12-150
FA-12-125



AGM 600 with
30 Amp Switchmode rectifier

The FA-Series Battery

Provides easy access to the battery terminals for installation and maintenance. Compact high-power designs provide high-power density in 23" (584 mm) footprints. Thick positive grids supply longer life and excellent long-duration discharge rates.

See brochure 12-383 for complete details.

Hour	75 AMP PLANT			100 AMP PLANT			150 AMP PLANT		
	4 Hour	2 Hour	8 Hour	4 Hour	2 Hour	8 Hour	4 Hour	2 Hour	
100-75-8	110-4800-75-4	110-4800-75-2	N/A	110-4800-100-4	110-4800-100-2	N/A	110-4800-150-4	110-4800-150-2	
1	1	1	-	1	1	-	1	1	
1	1	1	-	1	1	-	1	1	
4	4	4	-	4	4	-	6	6	
4	2	1	-	3	2	-	4	2	
4	2	1	-	3	2	-	4	2	
16	8	4	-	12	8	-	16	8	
-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	
3 hrs	6.7 hrs	3.3 hrs	-	22 hrs	11 hrs	-	20 hrs	10 hrs	

Hour	75 AMP PLANT			100 AMP PLANT			150 AMP PLANT		
	4 Hour	2 Hour	8 Hour	4 Hour	2 Hour	8 Hour	4 Hour	2 Hour	
N/A	110-4801-75-4	110-4801-75-2	N/A	110-4801-100-4	110-4801-100-2	N/A	110-4801-150-4	110-4801-150-2	
-	1	1	-	1	1	-	1	1	
-	1	1	-	1	1	-	1	1	
-	4	4	-	4	4	-	6	6	
-	1	1	-	1	1	-	1	1	
-	1	1	-	1	1	-	1	1	
-	12	8	-	16	8	-	16	12	
-	6.7 hrs	3.3 hrs	-	22 hrs	11 hrs	-	20 hrs	10 hrs	



Innovative.
Integrated.
Solutions.

C&D TECHNOLOGIES, INC.

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Printed in U.S.A.

10-966

10M/899/GM/1