

POWER SYSTEMS GENERAL APPLICATION GUIDE

C&D Technologies, Inc. manufactures a wide selection of power systems and components to meet the needs of diverse customer markets. This guide provides a quick overview of some of the more commonly used products and applications. In addition to the standard solutions discussed here, we manufacture a complete offering of custom power solutions. For other applications please contact Power Systems Application Engineering at 800-440-3504.

Telecommunication Applications

Application		AGM Series	Sageon Series	Hyperon Series
Customer Premise Equipment	PBX / VoiP	•	•	
	Wireless Access	•	•	
Wireless	Mini / metro sites	•	•	
	Base transceiver station (BTS)	•	•	
	Base station controllers (BSC)	•	•	
	Main Switches (MTSO, MSA)		•	•
Wireline	Fiber transmission systems	•	•	
	Digital microwave radio	•	•	
	Broadband voice data services	•	•	
	Satellite earth stations		•	
	Local access roadside cabinets	•	•	
	Local / Central office		•	•
	Point-of-presence (POP) switches		•	•
	Regional, international and gateway switches		•	•
	Remotes	•	•	

Utility and Industrial Applications

Application		Micro ARE Series	HRT Series	ARR Series
Utility	Power Generation	•	•	•
	Substation	•	•	
	Switchgear	•	•	•
Industrial	DC Breaker Operation	•	•	•
	Alarming Systems	•	•	
Transportation	Switchgear	•	•	•
	Signaling	•	•	•
	Alarming Systems	•	•	
Commercial	DC Control	•	•	•
	DC - UPS	•	•	•
	Alarming Systems	•	•	

Product Selection

Product		Output Capacity		Data Sheet
		Voltage	Current	
AGM Series	AGM 15	48V	7.5A to 15A	10-962
	AGM 25	48V	7.5A to 22.5A	10-962
	AGM 45	48V	7.5A to 45A	10-964
	AGM 60	48V	7.5A to 60A	10-965
Sageon Series	Sageon Power Module	24V	100A to 800A	10-715
	Sageon IPS	24V	100A to 800A	10-716
	Sageon 3' Power plant	24V	100A to 800A	10-710
	Sageon 7' Power plant	24V	100A to 2600A	10-710
	Sageon Multi-bay Power Plant	24V	100A to 7800A	10-710
	Sageon Power Module	48V	50A to 400A	10-715
	Sageon IPS	48V	50A to 400A	10-716
	Sageon 3' Power plant	48V	50A to 400A	10-710
	Sageon 7' Power plant	48V	50A to 1300A	10-710
	Sageon Multi-bay Power Plant	48V	50A to 3900A	10-710
Hyperon Series	Hyperon Power Plant	48V	100A to 10,800A	10-670
Micro ARE Series	Micro ARE	24V	6A, 12A	10-322
		48V	6A, 12A	
		130V	6A, 12A, 16A, 25A, 35A, 50A	
HRT Series	HRT Series	24V	25A, 50A, 100A	10-330
		48V	30A, 50A, 100A	
ARR Series	ARR Series	130V	50A, 75A, 100A, 150A, 200A, 300A, 400A	10-305
		260V	25A, 50A, 100A, 150A, 200A, 250A	



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