



# POWER TOWARDS GOOD

The novel coronavirus COVID-19 has affected millions of people around the world, putting enormous pressure on our healthcare system. With field hospitals being built in record time, the need for reliable power has never been more demanding. C&D Technologies and Trojan Battery Co. are here to ensure that your power will not fail. Our equipment can support medical facilities on the front lines.



# CRITICAL EQUIPMENT FOR CRITICAL CARE

C&D offers uninterruptible power supply (UPS) batteries with hundreds of configurations to best meet your power-supply needs. Designed primarily for use in data centers, our batteries have been repurposed as part of a backup system to support critical care devices including ventilators, lab equipment and even HVACs.

Our UPS battery offerings include:



## **C&D® High Rate Max (MR) – valve-regulated lead-acid (VRLA) battery designed for UPS standby power applications.**

### **BENEFITS:**

- 10-year Design Life @ 25°C
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of over 99%
- Patented Long Life Alloy with the lowest calcium levels in the industry
- Flame arresting, one-way pressure-relief vent for safety and longevity
- UL Recognized Component
- Flame retardant polypropylene case and covers
- Thermally welded case-to-cover bond to eliminate leakage
- Not restricted for air/surface/water transport

## **C&D® High Rate Max Front Access (MRF) – VRLA battery with front access terminals.**

### **BENEFITS:**

- Front access terminal designs for ease of maintenance
- Ideal for higher power UPS applications
- 10-year Design Life @ 25°C
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of over 99%
- Patented Long Life Alloy having the lowest calcium levels in the industry minimizing grid growth, reducing gassing, and extending battery life
- Flame arresting, one-way pressure-relief vent for safety and long life
- UL Recognized Component
- Flame retardant polypropylene case and covers
- Thermally welded case-to-cover bond to eliminate leakage
- Not restricted for air/surface/water transport
- C&D Ohmic Ring® for ease of maintenance readings on TFA models



## HIGH RATE MAX - Amps

### Final Voltage 1.75 volts per cell at 77° F

MODEL NAME	5 Min	10 Min	15 Min	20 Min	30 Min	45 Min	1 Hrs	2 Hrs	3 Hrs
UPS12-100MR*	85.5	58.7	45.7	37.9	28.7	21.4	17	9.74	6.99
UPS12-150MR*	134.3	94.3	71.9	58.7	43.6	31.9	25.4	14.1	9.8
UPS12-210MR*	185.8	132.7	100.1	81.6	61.2	45.6	36.7	21.09	14.9
UPS12-300MR*	268.3	197.5	148.2	119.7	88.8	65.7	52.7	30.06	21.2
UPS12-350MR*	252	197.4	159	133.5	102.5	77.3	62.6	36.32	25.78
UPS12-400MR*	361.6	246.3	183	149.2	112.3	84.1	67.9	39.19	27.77
UPS12-490MR*	349.6	268.5	218.6	186	145.5	111.4	91	53.53	38.18
UPS12-540MR*	397.1	313.7	253.5	212.8	162.9	122.4	98.9	56.95	40.3
UPS12-600MR*	484.8	370.6	302	246.4	185	133.9	106.4	59	41.7
UPS6-620MR*	463	372.9	303.1	255	196.2	148.7	121.1	71.19	50.92

MODEL NAME	4 Hrs	5 Hrs	6 Hrs	8 Hrs	10 Hrs	12 Hrs	16 Hrs	20 Hrs	24 Hrs
UPS12-100MR*	5.49	4.54	3.87	3	2.45	2.08	1.6	1.3	1.1
UPS12-150MR*	7.52	6.11	5.14	4	3.28	2.79	2.13	1.73	1.45
UPS12-210MR*	11.55	9.43	7.97	6.25	5.05	4.28	3.31	2.69	2.27
UPS12-300MR*	16.41	13.4	11.32	9.16	7.46	6.32	4.85	3.93	3.3
UPS12-350MR*	20.02	16.38	13.86	11.01	8.98	7.57	5.77	4.66	3.92
UPS12-400MR*	21.54	17.61	14.9	11.93	9.73	8.26	6.36	5.17	4.35
UPS12-490MR*	29.73	24.36	20.64	16.16	13.08	11.13	8.64	7.06	5.98
UPS12-540MR*	31.24	25.53	21.59	16.53	13.59	11.65	9.1	7.46	6.31
UPS12-600MR*	32.5	26.7	22.8	17.4	14.1	11.9	9.1	7.4	6.2
UPS6-620MR*	39.75	32.63	27.92	21.92	18.12	15.56	12.15	9.96	8.42

\* Ratings do not include connector drop

All critical calculations must be verified with C&D applications.  
Specifications subject to change without notice.





# SOLAR-POWERED SOLUTIONS

C&D and Trojan offer deep-cycle batteries for a fully autonomous supply of clean and reliable energy.

Our solar power batteries attach to generators, and include:



## Trojan® Solar AGM (SAGM)

Sealed off batteries that do not release gas. Safe for use inside enclosed spaces like field hospital tents or under patient beds. They can also be stored in various hot and cold temperatures, inside or outdoors.

### • Trojan® SAGM 06 375

- 6 Volt
- 375 Ah @ 20 Hours

### • Trojan® SAGM 12 205

- 12 Volt
- 205 Ah @ 20 Hours

### BENEFITS:

- Ruggedized polypropylene case
- Optimized paste formula for deep-cycle operation
- Reinforced cell compression
- Flame arrestors
- Manufacturing excellence
- Abuse tolerant and safe

MODEL NAME	CAPACITY AMP-HOURS (Ah)					ENERGY (kWh)	DEFAULT TERMINAL	DIMENSIONS INCHES (mm)			WEIGHT LBS (kg)	HANDLES	INSTALLATION ORIENTATION
	10 Hr Rate	20 Hr Rate	48 Hr Rate	72 Hr Rate	100 Hr Rate			20 Hr Rate	LENGTH	WIDTH			
6 VOLT SOLAR DEEP-CYCLE AGM BATTERIES													
SAGM 06 220	190	220	228	231	235	1.32	M8	10.30 (262)	7.06 (179)	10.73 (273)	68 (31)	Embedded	Horizontal & Vertical
SAGM 06 315	278	315	326	331	335	1.89	M8	11.66 (296)	6.94 (176)	13.99 (355)	95 (43)	Braided Rope	Horizontal & Vertical
SAGM 06 375	329	375	389	394	400	2.25	M8	11.66 (296)	6.94 (176)	16.31 (414)	114 (52)	Braided Rope	Horizontal & Vertical
8 VOLT SOLAR DEEP-CYCLE AGM BATTERIES													
SAGM 08 165	145	165	168	171	174	1.32	M8	10.30 (262)	7.06 (179)	10.73 (273)	70 (32)	Embedded	Horizontal & Vertical
12 VOLT SOLAR DEEP-CYCLE AGM BATTERIES													
SAGM 12 105	94	105	109	111	113	1.26	M8	12.80 (325)	6.81 (173)	9.34 (237)	67 (30)	Molded Plastic	Horizontal & Vertical
SAGM 12 135	131	135	136	137	137	1.62	M8	12.96 (329)	7.06 (179)	10.96 (278)	83 (38)	Embedded	Horizontal & Vertical
SAGM 12 205	174	205	210	213	216	2.46	M8	14.97 (380)	6.94 (176)	14.07 (357)	131 (59)	Embedded	Horizontal & Vertical

## C&D and Trojan: Together, We'll Do Our Part

The global pandemic is moving at an alarming rate. C&D Technologies and Trojan Battery Co. have inventory stocked and ready to ship. Learn more by contacting your C&D or Trojan sales representative.