General specifications

Battery model number		Ratings			Dimensions - in / mm			Weight	Terminal Types
Standard	Flame Retardant	Volts	AH	* KW	L	W	H	lbs / kgs	
PRC-1225	TC-1225	12	24	0.441	6.50 / 165	6.81 / 173	4.94 / 125	21.5 / 9.75	Flag
PRC-1235L	TC-1235L	12	33	0.712	7.71 / 196	5.18 / 132	7.19 / 183	26.7 / 12.1	"L" Type
PRC-1250S	TC-1250S	12	50	1.048	8.61/ 219	5.29 / 134	8.79 / 223	35.3 / 16.0	1/4 " Stud
PRC-1255S	TC-1255S	12	55	1.100	9.00/ 229	5.50 / 140	9.00 / 229	37.0 / 16.8	1/4 " Stud
PRC-1265S	TC-1265S	12	63	1.107	10.2 / 259	6.67 / 169	8.85 / 225	50.7 / 16.0	1/4 " Stud
PRC-1290S	TC-1290S	12	76	1.701	10.2 / 259	6.67 / 169	8.85 / 225	60.6 / 27.5	1/4 " Stud
PRC-12100S	TC-12100S	12	91	1.909	12.0 / 305	6.68 / 170	8.85 / 225	71.9 / 32.7	1/4 " Stud
PRC-12120S	TC-12120S	12	110	2.227	13.5 / 344	6.76 / 172	9.25 / 235	81.8 / 37.2	1/4 " Stud
PRC-12150C	TC-12150C	12	130	3.030	13.5 / 344	6.76 / 172	10.87 / 276	100.1 / 45.5	1/4 " C.I.
PRC-636	-	6	36	0.295	6.25 / 159	3.35 / 85	7.00 / 178	13.0 / 5.90	0.250 " Tab
PRC-6200S	TC-6200S	6	208	1.856	10.7 / 272	7.38 / 187	11.6 / 295	77.2 / 35.1	5/16 " Stud
PRC-6225S	TC-6225S	6	220	2.058	10.7 / 272	7.38 / 187	11.6 / 295	82.2 / 37.4	5/16 " Stud
-	TC-2550C	2	510	** 1.063	10.7 / 272	7.38 / 187	10.9 / 278	81.9 / 37.2	5/16 " C.I.
-	TC-2600C	2	552	** 1.150	10.7 / 272	7.38 / 187	10.9 / 278	87.0 / 39.6	5/16 " C.I.
-	SLF-12105	12	91	1.909	21.0 / 534	4.28 / 109	9.63 / 245	74.0 / 33.6	1/4 " C.I.
-	SLF-12205	12	184	3.946	21.1 / 536	8.46 / 215	10.1 / 256	152 / 69.0	5/16 " C.I.
-	SLF-12250	12	220	5.030	21.1 / 536	8.46 / 215	10.1 / 256	162 / 73.4	5/16 " C.I.

* 15 minutes to 10.02 volts (1.67 volts per cell). ** 30 minutes to 10.02 volts (1.67 volts per cell).

1CR3-20TC150C-240-7.0-H400

Complete DC systems

Power Battery is an industry leader, in the design engineering and manufacturing of enclosed battery cabinet systems. The “CR” series of cabinets as shown on the left is specifically designed to provide reliable DC power especially where real-estate is at a premium.

Standard features

- All systems are factory prewired and tested to minimized on site installation cost.
- CR battery systems have earned the U.L. mark of safety.
- CR cabinets are fused for over current protection. Breakers are optional.
- Rubber rail insulation for improved safety.
- Terminations designed for easy back-up.

Complete system accessibility

The CR system shown on the left features:

- Removable side panels.
- Removable top panel.
- Swing up charger plate.
- Swing out breaker plate.

HIGH-RATE BATTERY *SOLUTIONS*

The most comprehensive range of VRLA batteries designed specifically for standby applications

PRC–TC-SLF Series

POWER

Power for a World of Applications

Reliability
Performance
Durability

The POWER HIGH-RATE series of sealed batteries has been developed and refined since 1982. The design is driven by the market's demand for reliability, performance and durability. Our product development team combines the latest materials together with state-of-the-art manufacturing processes to produce the most cost effective battery solution for today's applications.

Features and Benefits

- Ten year design life in standby float service.
- A recognized component of U.L.
- Non-spillable valve regulated lead acid battery (VRLA) design.
- Advanced absorbed glass mat technology (AGM) with gas recombination greater than 99%.
- Operates at a low internal pressure.
- Never needs watering, minimal maintenance.
- Advanced lead tin calcium alloy, reduces grid corrosion and promotes long battery life.
- Shock absorbent thick wall polypropylene cases.
- Cold forged non-porous terminal bushings eliminate post leakage.
- Thermally welded cover to case bond, eliminates both acid and electrical leaks.
- Over-sized, through the partition inter-cell welds provide low resistance connections with minimal power loss.
- Each cell has a low pressure safety release one way venting system recognized per U.L. 924.
- Measured high vacuum acid fill reduces electrical variability between cells.
- 100% recyclable materials.

Options

- Batteries are available in V2 flame retardant plastic (TC and SLF models). Compliant with U.L.924 requirements.
- Battery terminal covers (standard on SLF models).
- Custom wire harnesses.

No transport restrictions

- Surface transport. Classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189.
- Marine transport. Classified as non-hazardous material as per IMDG amendment 27.
- Air transport. Complies with IATA/ICAO, Special Provision A67.

Applications

- UPS
- Switchgear
- Telecom
- Emergency lighting
- Alarm and security
- Overhead cranes

Operating specifications

• Operating temperature range:	-40°C/-40°F to 60°C/140°F
• Charging voltage / current:	2.27 to 2.30 volts per cell, constant voltage at a maximum current of C/4 amps.
• Temperature compensation:	Apply for temperature range of 0°C/32°F to 40°C/104°F. Subtract 3 mV/°C/cell or 1.7 mV/°F/cell, above 25°C/77°F. Add 3mV/°C/cell or 1.7 mV/°F/cell, below 25°C/77°F.
• Storage time from a fully charged condition:	6 months at 25°C/77°F. For each 9°C/15°F rise, reduce the storage time by half.