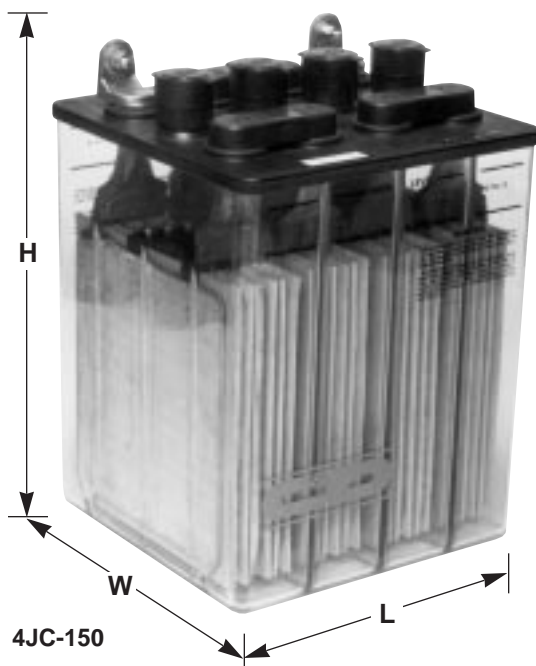


C&D TECHNOLOGIES

Power Solutions

JC LEAD-CALCIUM STANDBY BATTERIES

For telecommunications, switchgear, and control applications
Capacities from 50 to 300 Ampere-hours



FEATURES AND BENEFITS

- Cost-effective answer to today's small-power applications
- Four-cell design offers reduced length for optimum space utilization (shorter racks)
- Fewer bolted connectors per battery string reduce installation and maintenance costs
- Low-maintenance, lead-calcium alloy extends watering intervals
- Flame-retardant covers enhance battery plant safety
- Two-point, top-suspended positive plates permit free growth without pressure on jar and cover
- Snap-on, intercell-connector covers
- Terminals accessible for measurement of individual cell voltages
- Low-evaporation, flame-arrester vent with flip-top dust cover

SPECIFICATIONS

Plates	Height	Width	Thickness
Positive	8.00 in (203 mm)	7.62 in (194 mm)	0.250 in (6.40 mm)
Negative	8.00 in (203 mm)	7.62 in (194 mm)	0.165 in (4.19 mm)
Outside negative	8.00 in (203 mm)	7.62 in (194 mm)	0.120 in (3.05 mm)
Electrolyte height above plates	2.70 in (69mm)		
Sediment space	0.88 in (22mm)		
Electrolyte @ 77F (25C)	Sulfuric acid, 1.215 specific gravity nominal		
Float voltages	2.19–2.21 volts per cell		
Container †	Thermoplastic, transparent, polycarb and SAN available		
Cover	High-impact, flame-retardant thermoplastic with tongue-and-groove seal. Flammability ratings: UL 94-V0; ASTM D-635 self-extinguishing		
Separator	Microporous with fibrous glass mat		
Safety vent system	Flame-arrester/low-evaporation type with flip-top dust cover		
Terminals	Cast-lead alloy (chair type)		
Options			
†Container	Transparent, flame-retardant polycarbonate, oxygen index of 26. Flammability ratings: UL 94-HB; ASTM D-635-68, self-extinguishing		
Special voltages	Modules with dummy cells are available		

Final volts	Models	Nominal rates at 77F (25C) (includes connector voltage drop)							
		Ampere-hours				Amperes			
		8 Hr	5 Hr	3 Hr	1.5 Hr	1 Hr	30 Min	15 Min	1 Min
1.84	4JC-50	47	41	34	26	21	28	34	44
	4JC-100	94	82	68	52	42	56	68	88
	4JC-150	141	123	102	78	63	84	102	132
	2JC-200	188	164	136	104	84	112	136	176
	2JC-300	282	246	203	156	126	168	204	264
1.81	4JC-50	48	42	35	27	23	31	39	51
	4JC-100	96	84	71	54	46	62	78	102
	4JC-150	144	125	106	81	69	93	117	153
	2JC-200	192	167	142	108	92	124	156	204
	2JC-300	288	251	212	162	138	186	234	306
1.78	4JC-50	49	43	37	29	24	34	43	59
	4JC-100	98	87	74	57	48	68	86	118
	4JC-150	147	130	110	86	72	102	129	177
	2JC-200	196	173	147	114	96	136	172	236
	2JC-300	294	260	221	171	144	204	258	354
1.75	4JC-50	50	44	38	30	26	36	47	68
	4JC-100	100	88	76	60	52	72	94	135
	4JC-150	150	132	114	90	78	108	141	203
	2JC-200	200	176	152	120	104	144	188	270
	2JC-300	300	264	228	180	156	216	282	405

Note: Data based on discharge from a minimum of 72 hours on float at 77F (25C) in accordance with IEEE-450.

Models	Cells per unit	Plates per cell	Overall dimensions			Approx. wt. lbs (kgs)		Electrolyte per cell lbs (kgs)	Pure sulfuric acid per cell lbs (kgs)
			L in (mm)	W in (mm)	H in (mm)	Net filled	Dom. packed		
4JC-50	Four cells connected in series for eight-volt units	3	10.27 (261)	10.0 (254)	14.6 (371)	78 (35.4)	84 (38.1)	8.2 (3.7)	2.4 (1.1)
4JC-100		5				94 (42.6)	100 (45.4)	7.1 (3.2)	2.1 (.95)
4JC-150		7				110 (50)	116 (52.6)	6.0 (2.7)	1.8 (.81)
2JC-200	2x5	94 (42.6)				100 (45.4)	7.1 (3.2)	2.1 (.95)	
2JC-300	2x7	110 (50)				116 (52.6)	6.0 (2.7)	1.8 (.81)	

Note: Electrolyte weighs approximately 10 lbs per gallon (1.215 kg/liter).

For information on battery racks, please refer to brochure 12-560.

POWERCOM DIVISION

1400 UNION MEETING ROAD
P.O. BOX 3053
BLUE BELL, PA 19422-0858
(215) 619-2700 • FAX (215) 619-7899
(800) 543-8630
powercom@cdtechno.com
www.cdpowercom.com

Specifications are subject to change without notice. Contact your nearest C&D sales office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guaranty, warranty, or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated, or that other measures may not be required. Unless made explicitly in writing to the customer, C&D makes no representations or warranties regarding whether any product/technology purchased and/or specifications and/or literature regarding same are the most current or advanced version thereof; and C&D assumes no obligation to inform its customers of any revisions and/or improvements to such product, technology, specifications, and/or literature.

Copyright 1999 C&D TECHNOLOGIES, INC.

C&D TECHNOLOGIES, INC.