

CS SERIES DEEP CYCLE VRLA AGM BATTERY

Voltage: 2V, 6V, 12V
Capacity: upto 2V3000Ah, 6V420Ah, 12V250Ah
Designed floating service life: 8-12 years@ 25 °C/77 °F.

SUMMARY

NetPRO Deep cycle series batteries are designed to have a large amount of stored current discharged between charging sessions, with very heavy non-porous battery plates to withstand repeated major discharging and charging cycle (deep cycle). The NetPRO deep cycle battery uses a different chemistry for the plates active paste material, and a slightly stronger electrolyte than normal battery electrolyte, thus the CS range features 30% higher cyclic life with 10 years of float life when compared to the standard Duration range.

FEATURES AND BENEFITS

- 30% more cyclic life through innovation at the PAM additives
- Long life expectancy of 10 years in floating condition
- Thick flat plate with high Tin low Calcium alloy
- Wide operating temperature range from -20 °C to 50°C
- 3% Low self-discharge rate
- Very good deep cycle performance: up to 500 cycles @80% DOD
- Excellent deep discharge recovery capability

CONSTRUCTION

Positive plate - Thick high Sn low Ca grid with special paste

Negative plate - Balanced Pb-Ca grid for improved recombination efficiency

Separator - Advanced AGM separator for high pressure cell design

Electrolyte - Dilute high purity sulfuric acid

Battery container and cover - Fire resistance ABS, water proof

Pillar seal - Two layers epoxy resin seal

Relief valve - Complete with integrated flame arrestor



CHARGING VOLTAGE AND SETTINGS

Constant voltage charging is recommended

Recommended float charge voltage: 2.27V/cell @ 20~25°C

Float voltage temperature compensation: -3mV°C/cell

Float voltage range: 2.27 to 2.30 V/cell @ 20~25°C

Cyclic application charge voltage: 2.40 to 2.47 V/cell @ 20~25°C

Max. charge current allowable: 0.25C

APPLICATIONS

- Electric Powered Vehicles
 - Wheel Chairs
 - Electric Powered Toys
 - Medical Equipment
 - Solar and Wind
- Golf Cars and Buggies
 - Power Tools
 - Control System
 - UPS systems
 - Emergency systems

COMPLIED STANDARDS

- UL
 - IEC 61427
 - BS6290 part 4
 - GB/T 22473
 - ISO9001/14001/18001
- CE
 - IEC 60896-21/22
 - Eurobat guide, long life
 - IATA and IMDG

Model NO.	Nominal Voltage (V)	Rated Capacity(AH) 10hrs/25°C	Dimensions(mm)								Terminal Type
			Length		Width		Height		Total Height		
			mm	inch	mm	inch	mm	inch	mm	inch	
CS12-7D	12	7	151	5.94	65	2.56	94	3.70	100	3.94	T2
CS12-12D	12	12	151	5.94	98	3.86	94	3.70	100	3.94	T2
CS12-18D	12	18	181	7.13	77	3.03	167	6.57	167	6.57	T3
CS12-24D	12	24	166	6.54	126	4.96	174	6.5	181	7.13	T32
CS12-33D	12	33	196	7.7	131	5.16	155	6.10	180	7.09	T16
CS12-45D	12	45	197	7.73	166	6.54	174	6.85	181	7.13	T5
CS12-55D	12	55	230	9.06	138	5.43	211	8.30	229	9.01	T9/16
CS12-65D	12	65	350	13.8	166	6.54	179	7.05	179	7.05	T9
CS12-75D	12	75	260	10.2	169	6.65	211	8.3	215	8.46	T14
CS12-80D	12	80	260	10.2	169	6.65	211	8.30	229	8.46	T14
CS12-90D	12	90	307	12.1	169	6.65	211	8.30	215	8.46	T16
CS12-100D	12	100	331	13.03	173	6.81	213	8.39	233	9.17	T10
CS12-120D	12	120	407	16	174	6.85	209	8.23	233	9.17	T11
CS12-134D	12	134	341	13.43	173	6.81	283	11.14	287	11.3	T9/T20
CS12-150D	12	150	484	19.1	171	6.73	241	9.49	241	9.49	T11
CS12-180D	12	180	522	20.6	240	9.45	216	8.5	240	9.45	T9
CS12-200D	12	200	522	20.6	240	9.45	216	8.50	240	9.45	T11
CS12-230D	12	230	522	20.6	240	9.45	216	8.50	240	9.45	T11
CS12-250D	12	250	520	20.5	268	10.55	220	8.66	243	9.57	T11
CS6-100D	6	100	195	7.67	170	6.69	206	8.11	211	8.31	T16
CS6-150D	6	150	260	10.2	180	7.09	247	9.22	252	9.92	T16
CS6-180D	6	180	260	10.2	180	7.09	247	9.72	252	9.92	T16
CS6-200D	6	200	306	12.04	169	6.63	223	8.77	228	8.97	T16
CS6-225D	6	225	243	9.57	188	7.4	275	10.83	275	10.83	T16
CS6-380D	6	380	295	11.62	178	7.01	404	15.91	410	16.14	T16
CS6-420D	6	420	295	11.62	178	7.01	404	15.91	410	16.14	T16
CL2-500	2	500	242	9.5	172	6.8	331	13.0	366	14.4	T20
CL2-800	2	800	410	16.1	175	6.89	330	13.3	365	14.4	T20
CL2-1000	2	1000	475	18.7	175	6.89	330	12.99	356	14.02	T20
CL2-1500	2	1500	401	15.8	351	13.8	342	13.5	369	14.5	T20
CL2-2000	2	2000	491	19.3	351	13.8	343	13.5	369	14.5	T20
CL2-3000	2	3000	710	28.0	352	13.9	342	13.5	369	14.5	T20

Products will be improved without notice, please contact sales for specification in kind prevail.

