



CS SERIES VRLA AGM BATTERY

Voltage: 6V, 12V
Capacity: upto 6V200AH ,12V250AH
Designed floating service life: 8-10 years @ 25 °C/77 °F.

SUMMARY

CSPower sealed free VRLA 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, The CSPower AGM 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 40°C
- 3% Low self-discharge rate
- Very good cycle performance: up to 700 cycles @50% 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/cel l
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 Equipments
- 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

CSPower MODEL	Voltage (V)	Capacity (Ah)	Battery Dimension (mm)				Weight (kg) (±3%)	Terminal	Bolt
			Length	Width	Height	Total Height			
CS6-180	6	180	260	180	247	251	27.5	T5	M8×16
CS6-180A	6	180	306	168	220	226	27	T5	M8×16
CS6-200	6	200	260	180	247	251	29.5	T5	M8×16
CS6-200A	6	200	323	178	224	229	29.5	T5	M8×16
CS12-15	12	15	152	99	96	102	3.8	F1/F2	/
CS12-17/18	12	17/18	181	77	167	167	5.2	T1	M5×16
CS12-20	12	20	181	77	167	167	6	T2	M6×16
CS12-24	12	24	166	126	174	174	7.7	T2	M6×16
CS12-26	12	26	166	175	126	126	8.3	T2	M6×16
CS12-33	12	33	196	130	155	167	10	T2	M6×16
CS12-38/40	12	38/40	198	166	172	172	12.3	T2	M6×16
CS12-45	12	45	198	166	174	174	13	T2	M6×16
CS12-50	12	50	229	138	208	212	15.5	T3	M6×16
CS12-55	12	55	229	138	208	212	16.2	T3	M6×16
CS12-65	12	65	350	167	178	178	20.5	T3	M6×16
CS12-70	12	70	350	167	178	178	21.5	T3	M6×16
CS12-75	12	75	260	169	211	215	22	T3	M6×16
CS12-80	12	80	260	169	211	215	23.5	T3	M8×16
CS12-85/90	12	85/90	331	174	214	219	25	T3	M6×16
CS12-100	12	100	307	169	211	216	27	T3	M6×16
CS12-100A	12	100	331	174	214	219	29	T4	M8×16
CS12-120	12	120	407	173	210	233	33	T5	M8×16
CS12-120A	12	120	407	173	210	233	34	T5	M8×16
CS12-135	12	135	341	173	283	288	41	T5	M8×16
CS12-150A	12	150	484	171	241	241	41	T4	M8×16
CS12-150	12	150	484	171	241	241	43.5	T4	M8×16
CS12-160	12	160	532	206	216	222	48.5	T4	M8×16
CS12-180	12	180	532	206	216	222	53	T4	M8×16
CS12-200	12	200	522	240	219	225	56	T5	M8×16
CS12-200A	12	200	522	240	219	225	58.2	T5	M8×16
CS12-230	12	230	522	240	219	225	61	T5	M8×16
CS12-250	12	250	520	268	220	225	70	T5	M8×16

