

CE 150-12 ▶ 12V 150AH

SMF VRLA RECHARGEABLE BATTERY



APPLICATIONS

- UPS Systems
- Banks, Finance & Data centers
- Central Battery Systems
- Hospital & Laboratories
- Emergency Lighting
- Fire Alarm Safety & Security Systems

COMPLIANCE

- ✓ Complies to JISC 8702
- ✓ Complies to IS15549
- ✓ Complies to IEC 60896-22

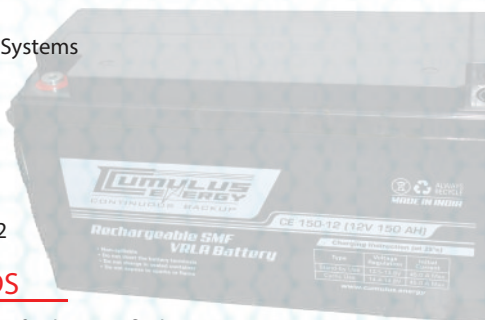
QUALITY STANDARDS

Manufactured in best-in-class facility certified to

- ✓ ISO 9001: 2015
- ✓ ISO 14001: 2015
- ✓ OHSAS 45001: 2018

TECHNICAL FEATURES

- Non-Spillable Sealed Construction
- Seal Lead Acid Battery
- AGM, ABS, Gas Recombination
- Venting System for low internal pressure
- Low Self-Discharge & High Power Output
- Heavy-Duty, Highly Optimized Grids
- Maintenance-Free Operation



CHARACTERISTICS

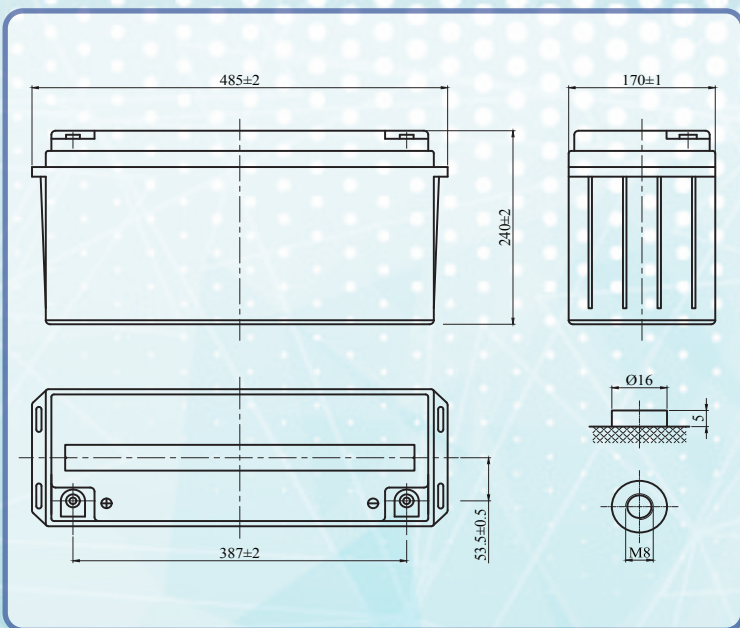
Nominal Voltage	12 V	
Capacity (25°C)	20 Hour rate	150Ah
Internal Resistance (25°C, 100% Charge)	≤ 5 m Ω	
Self Discharge (20°C)	1 Month	Remaining Capacity 97%
Operating Temperature	Discharge	-20°C - 60°C
	Charge	-10°C - 60°C
	Storage	-20°C - 60°C
Normal Operating Temperature	25°C ± 3°C	
Maximum Discharge current (25°C)	1000A (5sec)	
Maximum Charging current (25°C)	45A	
Short Circuit Current	2800A	
Charge Methods Constant Voltage Charge 77°F (25°C) - Cycle use	14.4 to 14.7 V	
	Temp. Compensation -30mV/°C	
Charge methods Constant Voltage Charge 77°F (25°C) - Standby Use	13.4 to 13.8V	
	Temp. Compensation -20mV/°C	
Design Life	12 Years	

CONSTANT CURRENT DISCHARGE (Rating Amperes) AT 27°C

End Cell Voltage (ECV)	DURATION										
	10 min	15 min	20 min	30 min	60 min	2 hr	3 hr	5 hr	8 hr	10 hr	20 hr
1.60	326.09	258.62	211.26	153.06	95.54	59.08	40.38	27.79	17.24	14.59	8.03
1.65	316.11	250.28	204.31	150.79	94.65	56.69	39.16	26.76	16.87	14.41	7.83
1.70	306.12	241.94	197.36	148.51	93.75	54.29	37.94	25.73	16.49	14.23	7.63
1.75	300	238.1	194.8	147.06	91.46	53.57	37.88	25.64	16.39	13.97	7.5
1.80	294.12	230.77	189.8	144.23	89.29	53.19	39.69	25.42	16.3	13.89	7.46

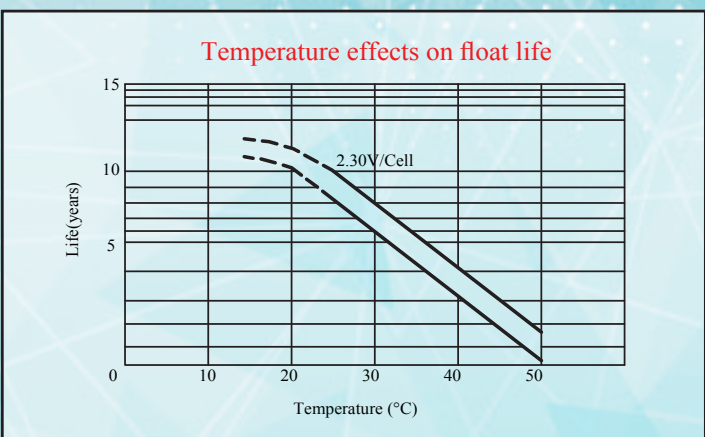
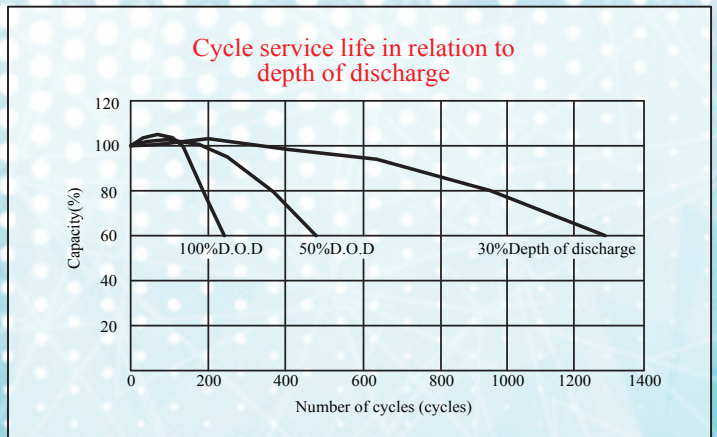
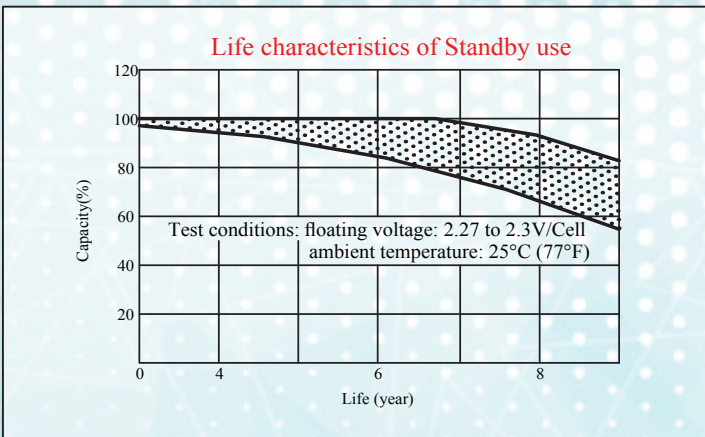
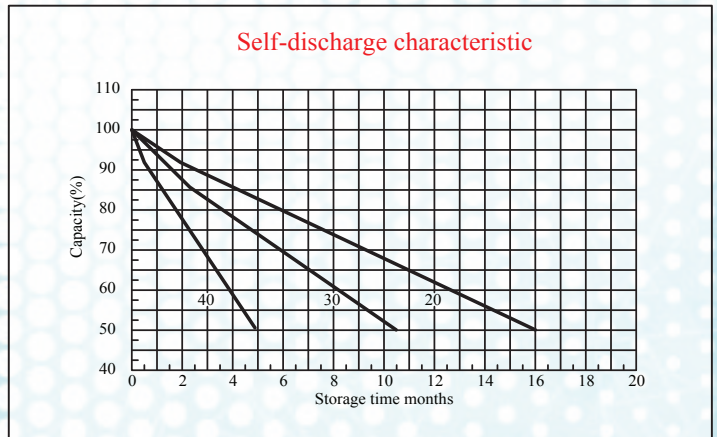
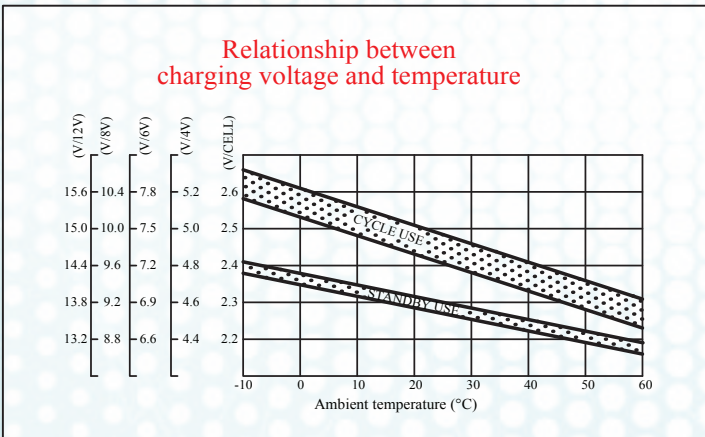
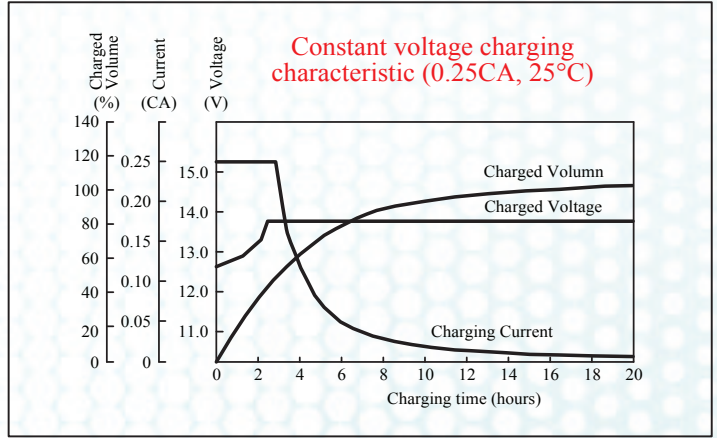
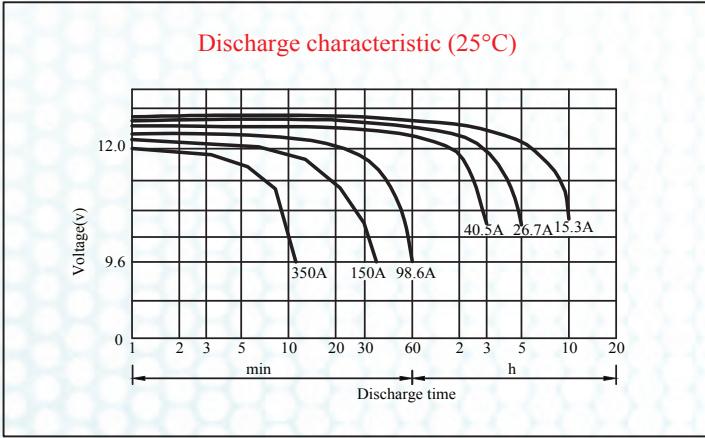
CONSTANT POWER DISCHARGE (Watts per Battery) AT 27°C

End Cell Voltage (ECV)	DURATION										
	10 min	15 min	20 min	30 min	60 min	2 hr	3 hr	5 hr	8 hr	10 hr	20 hr
1.60	3594	2801	2269	1817	1125	680	495	340	225	183	93
1.65	3441	2764	2223	1786	1100	670	483.5	325.5	219	181.5	92.5
1.70	3288	2727	2177	1755	1075	659	470	318	213	180	92
1.75	3135	2690	2127	1724	1050	649	456	310	210	178.5	91
1.80	2982	2570	2078	1693	1024	638	442	302	207	177	90



DIMENSION

Length	Width	Height	Total Height	Weight (kg)
485mm	170mm	240mm	240mm	45.5 ± 5%



Authorized Distributor