

CE 65-12 ▶ 12V 65 AH

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

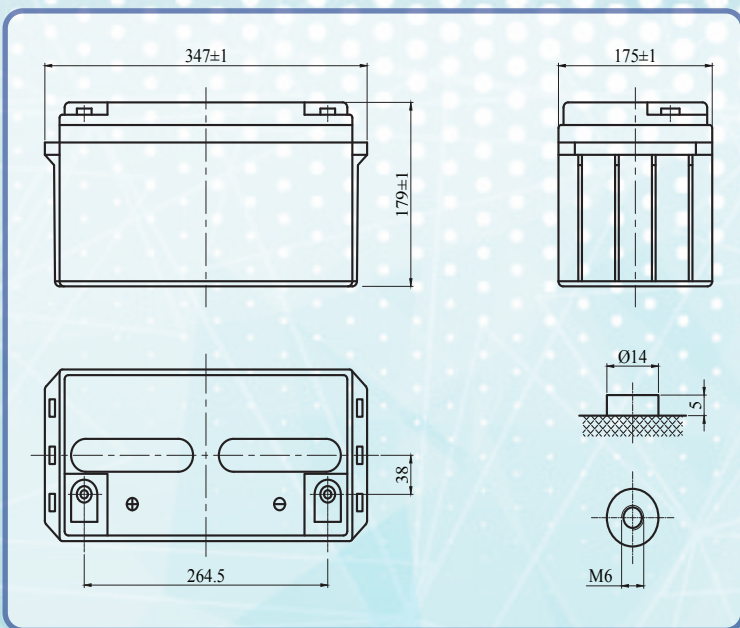
Nominal Voltage	12 V	
Capacity 27°C (80.6°F)	20 Hour rate	68Ah
	10 Hour rate	65Ah
	5 Hour rate	55Ah
Internal Resistance (25°C, 100% Charge)	≤ 10 m Ω	
Self Discharge (20°C)	1 Month	Remaining Capacity 97%
Operating Temperature	Discharge	-20°C - 60°C
	Charge	-10°C - 60°C
	Storage	-20°C - 60°C
Normal Operating Temperature	25°C ± 3°C	
Maximum Discharge current	650A (5sec)	
Maximum Charging current	26A	
Short Circuit Current	1700A	
Charge Methods Constant Voltage Charge 77°F (25°C) - Cycle use	14.4 to 14.7V	
	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	10 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	126.47	101.10	80.23	60.87	36.26	22.06	15.07	11.12	6.90	5.83	3.48
1.65	122.62	96.75	77.30	58.44	35.90	21.17	14.62	10.71	6.75	5.76	3.40
1.70	118.77	92.41	74.37	56.00	35.44	20.27	14.16	10.29	6.60	5.69	3.31
1.75	114.29	90.32	73.68	55.45	35.00	20.00	14.14	10.26	6.56	5.59	3.25
1.80	112.0	88.89	71.79	54.90	33.49	19.86	14.07	10.17	6.52	5.56	3.23

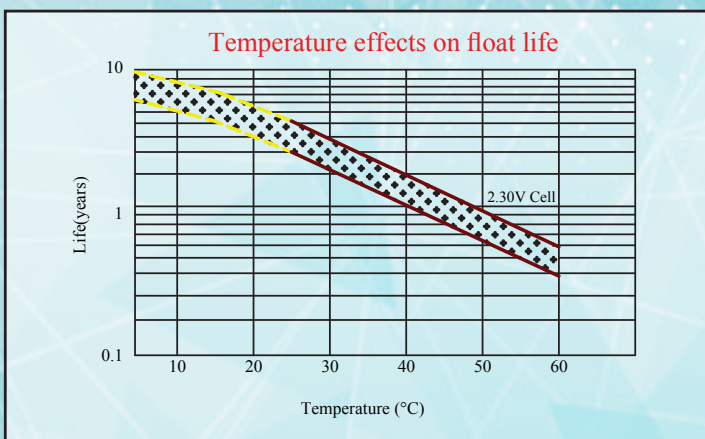
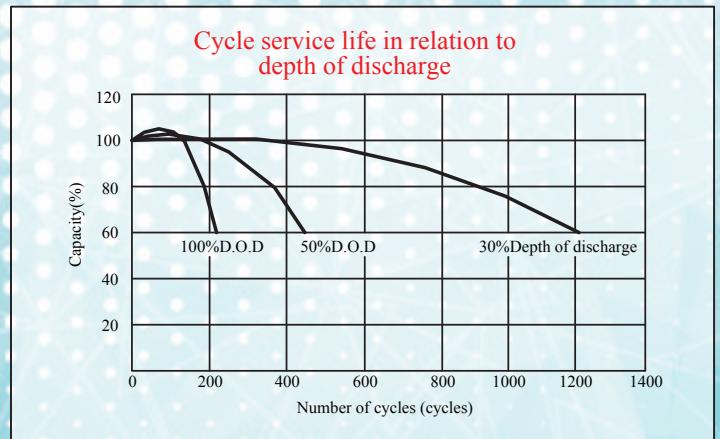
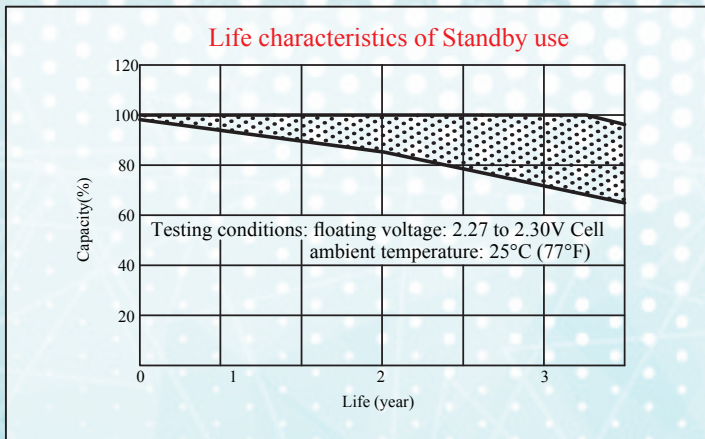
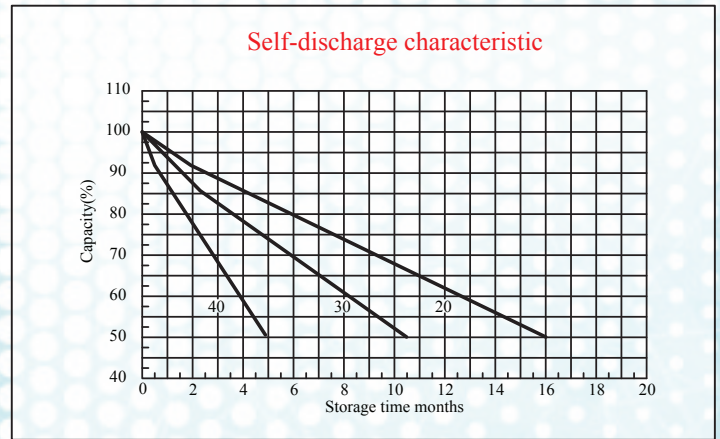
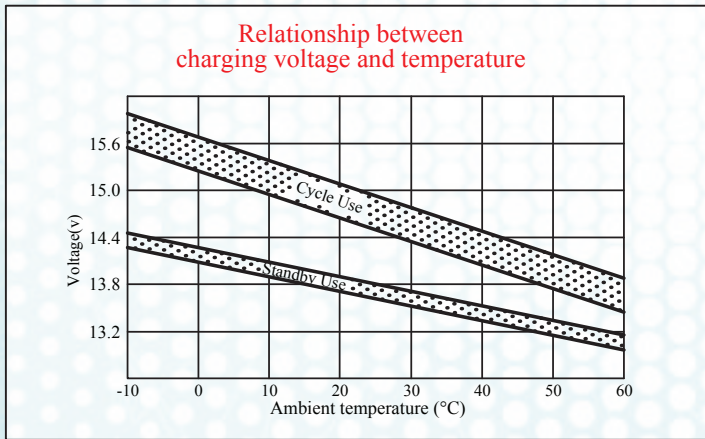
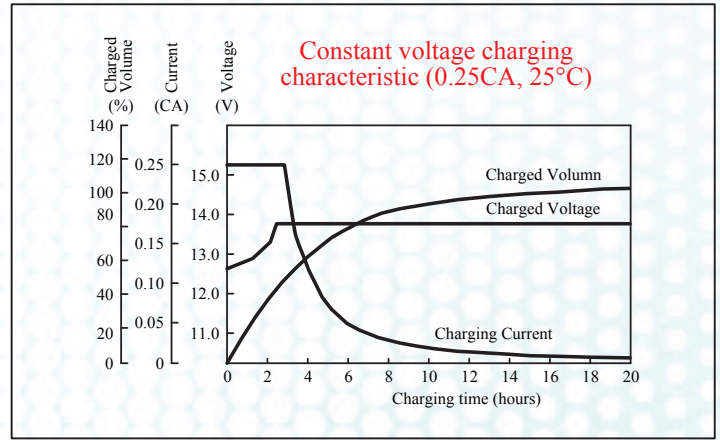
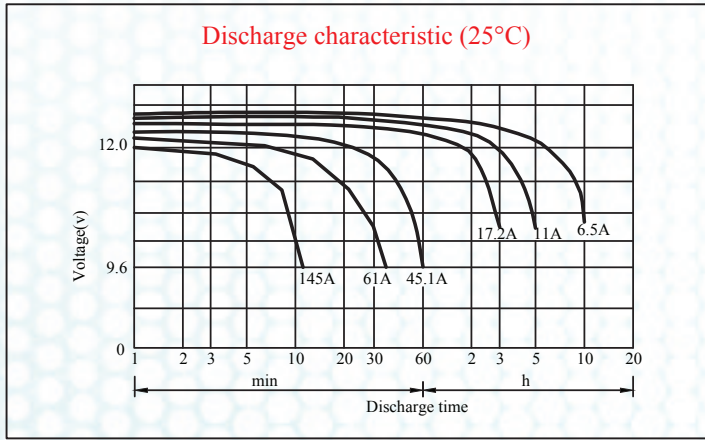
CONSTANT POWER DISCHARGE (Watts per Battery) AT 27°C

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	1368	1120	898	682	412	248	172.0	118.0	77.0	67.0	31.0
1.65	1345	1101	887	671	408	245	171.0	117.0	76.5	66.5	30.5
1.70	1322	1081	876	660	403	242	170.0	116.0	76.0	66.0	30.0
1.75	1299	1041	848	640	392	239	169.0	115.0	75.0	65.0	29.5
1.80	1276	1000	820	620	380	236	168.0	114.0	74.0	64.0	29.0



DIMENSION

Length	Width	Height	Total Height	Weight (kg)
347 mm	167 mm	175mm	175 mm	20.4 ± 5%



Authorized Distributor