

CFT60-12

12V 60AH

Front Terminal



CFT60-12

Awaiting Image

Physical Specification

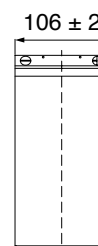
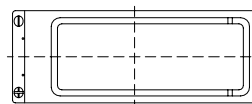
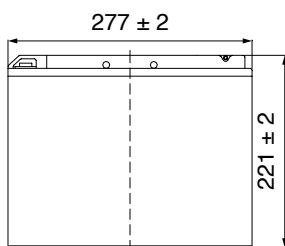
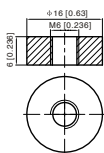
Part Number	CFT60-12
Length	277 ± 2 mm
Width	106 ± 2 mm
Container Height	221 ± 2 mm
Total Height (with terminal)	221 ± 2 mm
Approx Weight	20 kg

Specifications

	Nominal Voltage	12V
	Nominal Capacity (10HR)	60AH
Terminal Type	Standard Terminal	T6
Container Material	Standard Option	ABS
Rated Capacity	10hr, 1.80V/cell, 25°C	60Ah
	5hr, 1.75V/cell, 25°C	52.5Ah
	1hr, 1.60V/cell, 25°C	37.2Ah
Max Discharge Current	500A (5s)	
Internal Resistance	Approx 6.5m Ω	
Discharge Characteristics	Operating Temp. Range	Discharge: -15 ~ 50°C
		Charge: -10 ~ 50°C
		Storage: -20 ~ 50°C
	Nominal Operating Temp. Range	25 ± 3°C
	Cycle Use	14.5V ~ 14.90V Temp. Coefficient -30mV/°C
	Standby Use	13.5V ~ 13.8V Temp. Coefficient -18mV/°C
Capacity affect by Temperature	40°C	103%
	25°C	100%
	0°C	86%
Design Floating Life at 20°C	12+ Years	
Self Discharge	Canbat batteries may be stored for up to 6 months at 25°C(77°F) and then a refresh charge is required. For higher temperatures the time interval will be shorter.	

Dimensions

T6 Terminal



Constant Current Discharge Characteristics (A, 25°C)

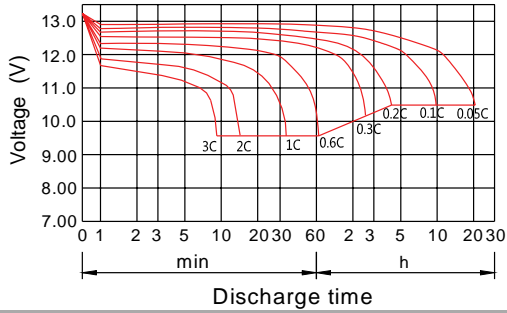
F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	126	99.0	60.0	37.2	21.9	15.3	12.5	10.7	7.34	6.11	3.21
9.90V	122	96.6	58.8	36.6	21.8	15.2	12.5	10.6	7.30	6.10	3.20
10.2V	117	93.1	57.0	35.7	21.6	15.1	12.4	10.6	7.25	6.08	3.19
10.5V	112	89.9	55.6	35.0	21.3	15.0	12.3	10.5	7.20	6.04	3.17
10.8V	106	85.1	53.6	33.9	20.7	14.6	11.9	10.2	6.98	6.00	3.15

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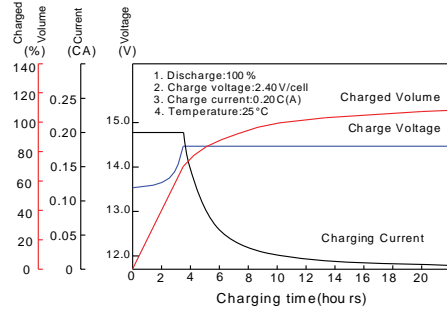
Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	10min	15min	30min	60min	2h	3h	4h	5h	8h	10h	20h
9.60V	1361	1087	673	424	254	180	148	127	87.2	72.9	38.5
9.90V	1320	1061	660	418	252	179	147	126	86.7	72.8	38.4
10.2V	1266	1022	640	407	250	178	146	125	86.1	72.6	38.3
10.5V	1211	987	624	399	246	176	145	124	85.5	72.1	38.1
10.8V	1143	935	601	387	240	171	140	120	83.0	71.6	37.8

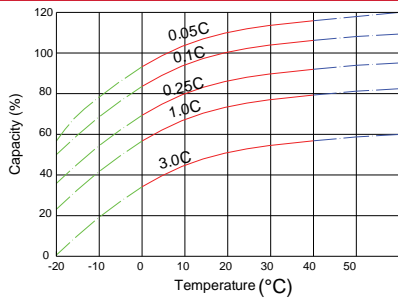
Discharge Characteristics (25°C)



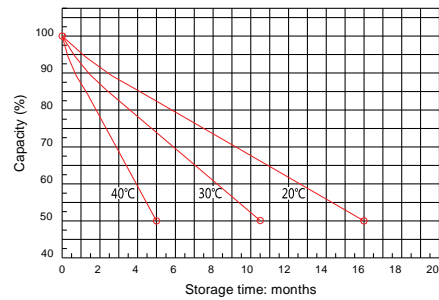
Charging Characteristics (25°C)



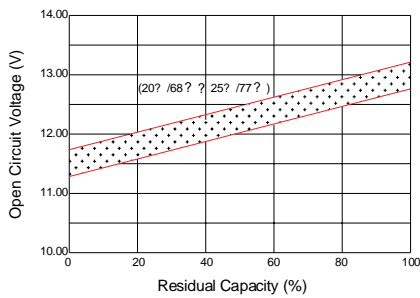
Effect of Temperature on Capacity



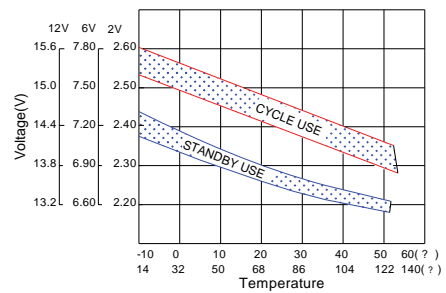
Self-discharge Characteristics



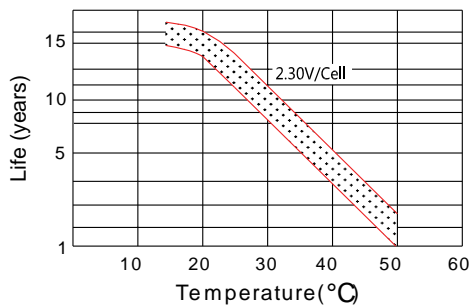
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



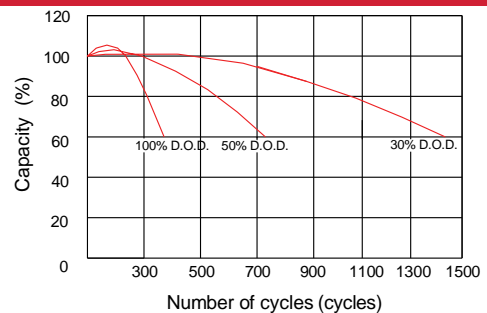
The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D (25°C)



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