

Advantages

- Long life according to EUROBAT Classification
- High discharge performance
- High gas recombination efficiency
- Maximum charge efficiency
- Low self-discharge rate
- Easy installation and handling
- Centralized venting system

Application

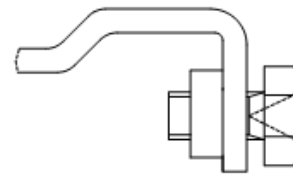
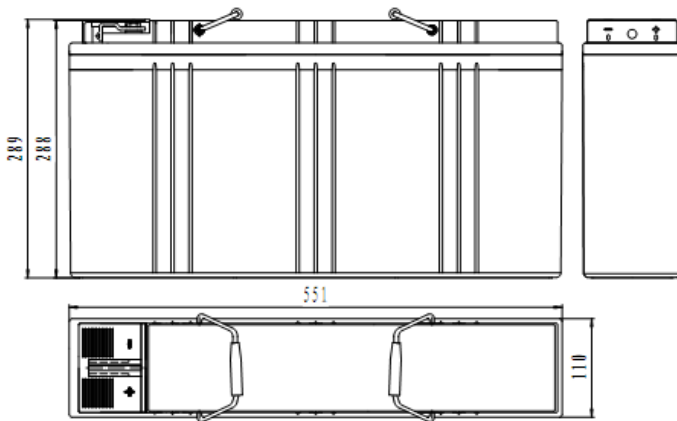
- Telecommunications
- Power system
- UPS
- Emergency power

Standards

- IEC 60896-21/22: 2004
- BS 6290-4:1997
- Eurobat guide
- Installation compliant with EN50272-2



Drawing



FT-57

Specification

Battery Model	FTB12-150			
Designed Life (years, 25°C)	12 Years			
Capacity (Ah, 25°C)	10HR(15.0A,1.80V)	5HR(26.79A,1.80V)	3HR(39.71A,1.80V)	1HR(83.8A,1.75V)
	150	133.93	118.21	83.8
Dimensions (mm)	Length	Width	Height	Total Height
	551	110	288	288
Approx. Weight (kg)	45.0			
Internal Resistance (mΩ)	3.6			
Maximum Discharge Current (A/ 3 sec)	1092			
Self-Discharge (25°C)	≤1.5% per months			
Charge Voltage (V/cell, 25°C)	Cycle use		Float use	
	2.35 (-3.5mV/°C/cell), max charge current:30A		2.25 (-3.5mV/°C/cell)	

Discharge Data

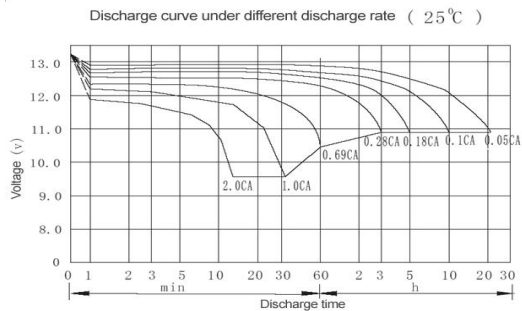
Constant current discharge data (25°C , A)

End voltage (V/cell)	5min	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60	412.3	329.8	272.6	186.8	130.2	99.2	59.3	42.62	34.8	28.10	23.93	18.57	15.60	8.38
1.65	385.3	302.1	258.4	175.0	119.7	93.9	57.9	41.43	34.2	27.74	23.93	18.45	15.36	8.30
1.70	354.2	271.8	238.2	163.3	111.0	85.5	56.4	40.60	33.6	27.50	23.57	18.33	15.36	8.25
1.75	326.5	249.1	223.9	156.6	108.2	83.4	55.5	40.12	33.0	27.14	23.33	18.10	15.12	8.22
1.80	291.2	231.4	206.1	143.9	97.2	77.2	54.0	39.40	32.7	26.79	23.10	17.86	15.0	8.19

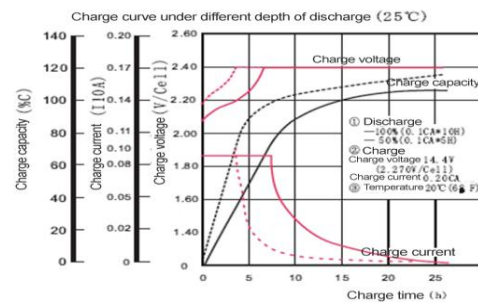
Constant power discharge data (25°C , W/cell)

End voltage (V/cell)	5min	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60	706.0	568.0	491.0	312.0	245.0	187	113.2	78.60	63.5	52.80	45.10	34.20	29.80	15.50
1.65	675.0	535.0	476.0	305.0	238.0	182	112.3	77.30	63.1	52.50	44.80	34.10	29.75	15.45
1.70	642.0	498.0	450.0	295.0	231.0	173	110.9	76.50	62.8	52.30	44.50	34.00	29.7	15.40
1.75	605.0	467.0	432.0	288.0	223.0	167	110.2	75.30	62.2	51.60	44.20	33.80	29.60	15.35
1.80	563.0	450.0	415.0	279.0	196.0	155	108.8	74.20	61.8	51.20	43.80	33.60	29.5	15.30

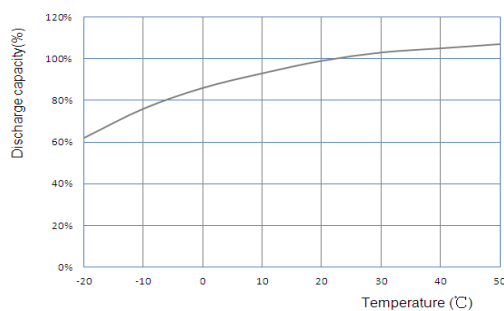
Performance Curve:



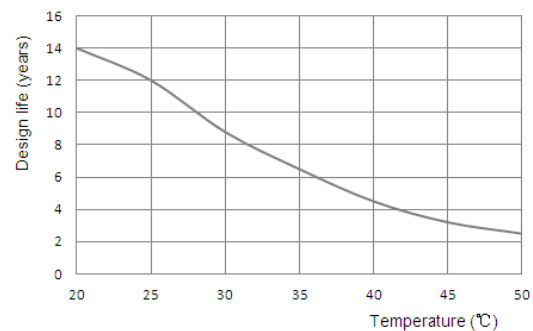
Discharge voltage vs. discharge time



Charge capacity vs. charge time



Discharge capacity vs. temperature



Design life vs. temperature

Sacred Sun Power Sources Co., Ltd.

No.1 Shengyang Road, Qufu City, PRC

Website: www.sacredsun.com

Sacred Sun Asia Pacific

GF, 14th Floor, Xinbaohui Building, Nanhai

Boulevard, Nanshan, Shenzhen, PRC.

Sacred Sun Europe SPRL

Paul Dejaerlaan 4b, B 1060 Brussel,

Belgium

