

## TECHNICAL SPECIFICATIONS

Nominal Voltage (V)	12 (6 cells per unit)
Designed Floating Life (20°C)	8 Years
Nominal Capacity (20°C)	55 Ah @ 20HR-rate (to 1.75Vpc)
Dimension (mm)	L197mm x W165mm x H175mm
Approx. Weight	15.3kg
Terminal Type	Female Copper Insert M6 (torque:6~7N.m)
Internal Resistance	Approx. 5.6mΩ (fully charged @ 20°C)
Max. Charge Current	12A
Max. Discharge Current (5S)	540 A
Short Circuit Current	1260 A
Self Discharge	Approx. 3% per month @ 20°C
Ambient Temperature	Discharge: -20~60°C Charge: -20~60°C Storage: -20~45°C
Float Charge Voltage (20~25°C)	13.6-13.8V (-3mV/ cell/°C)
Equalize and cycle Use Charge Voltage (20~25°C)	14.4-14.8V (-5mV/ cell /°C)
Container Material	ABS (UL94-V0 optional)

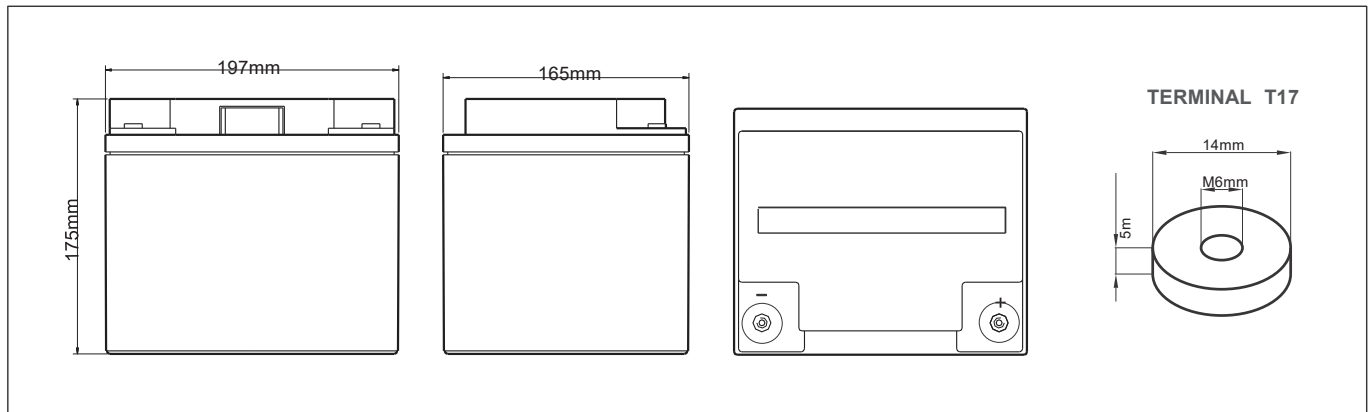


### Complied standards

- IEC 60896-21/22
- UL1989
- JIS C8704
- GB/T19639



## BATTERY DIMENSIONS

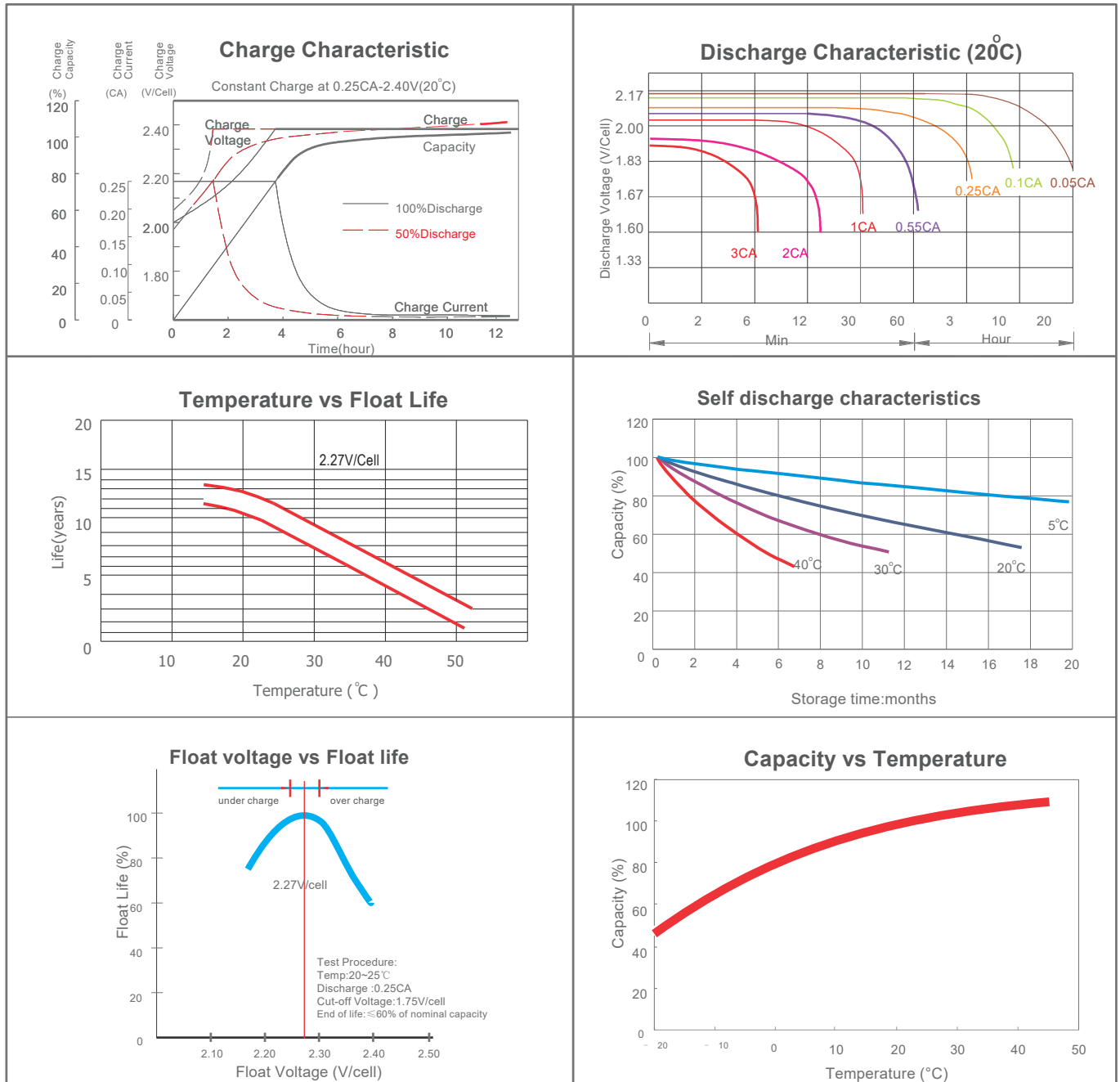


## BATTERY DISCHARGE TABLE

Constand current discharge(25°C)

F. V/Time	1HR		2HR		3HR		5HR		20HR	
	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)
1.75V	34	34	18	36	13.3	40	9	45	2.75	55

## CHARACTERISTICS



## FINAL VOLTAGE SETTINGS RECOMMENDED ACCORDING TO THE DISCHARGE CURRENT

Discharge Current I (A)	$I \leq 0.08C$	$0.08C \leq I < 0.2C$	$0.2C \leq I < 0.6C$	$0.6C \leq I < 1.0C$	$I \geq 1.0C$
Final of Voltage	$\geq 1.85V_{pc}$	$\geq 1.80V_{pc}$	$\geq 1.75V_{pc}$	$\geq 1.70V_{pc}$	$\geq 1.60V_{pc}$