

## TECHNICAL SPECIFICATIONS

Nominal Voltage (V)	12 (6 cells per unit)
Designed Floating Life (20°C)	8 Years
Nominal Capacity (20°C)	110 Ah @ 20HR-rate (to 1.75Vpc)
Dimension (mm)	L260mm x W166mm x H216mm
Approx. Weight	26 kg (57.3 lbs)
Terminal Type	Female Copper Insert M6 (torque:6~7N.m)
Internal Resistance	Approx. 0.0055 Ohm (fully charged @ 20°C)
Max. Charge Current	18.75A
Max. Discharge Current (5S)	675 A
Short Circuit Current	2180 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)



## BATTERY DIMENSIONS

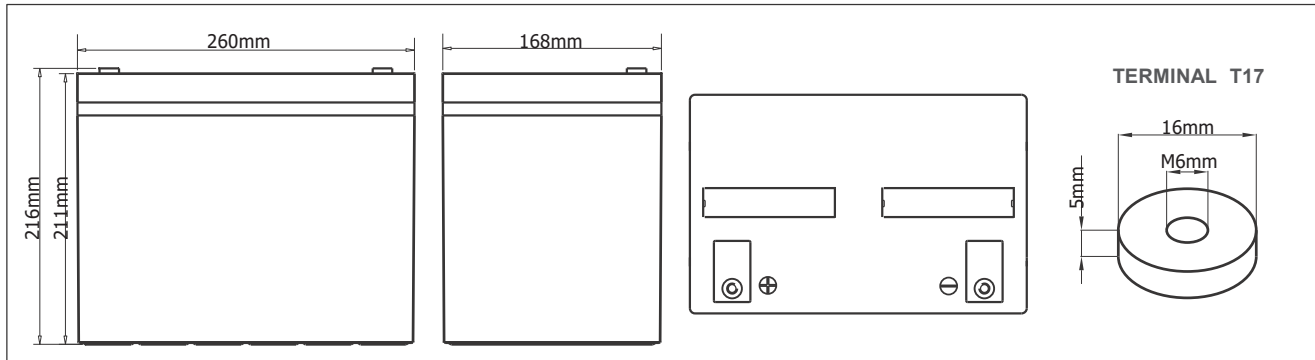


ISO9001 ISO14001



### Complied standards

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

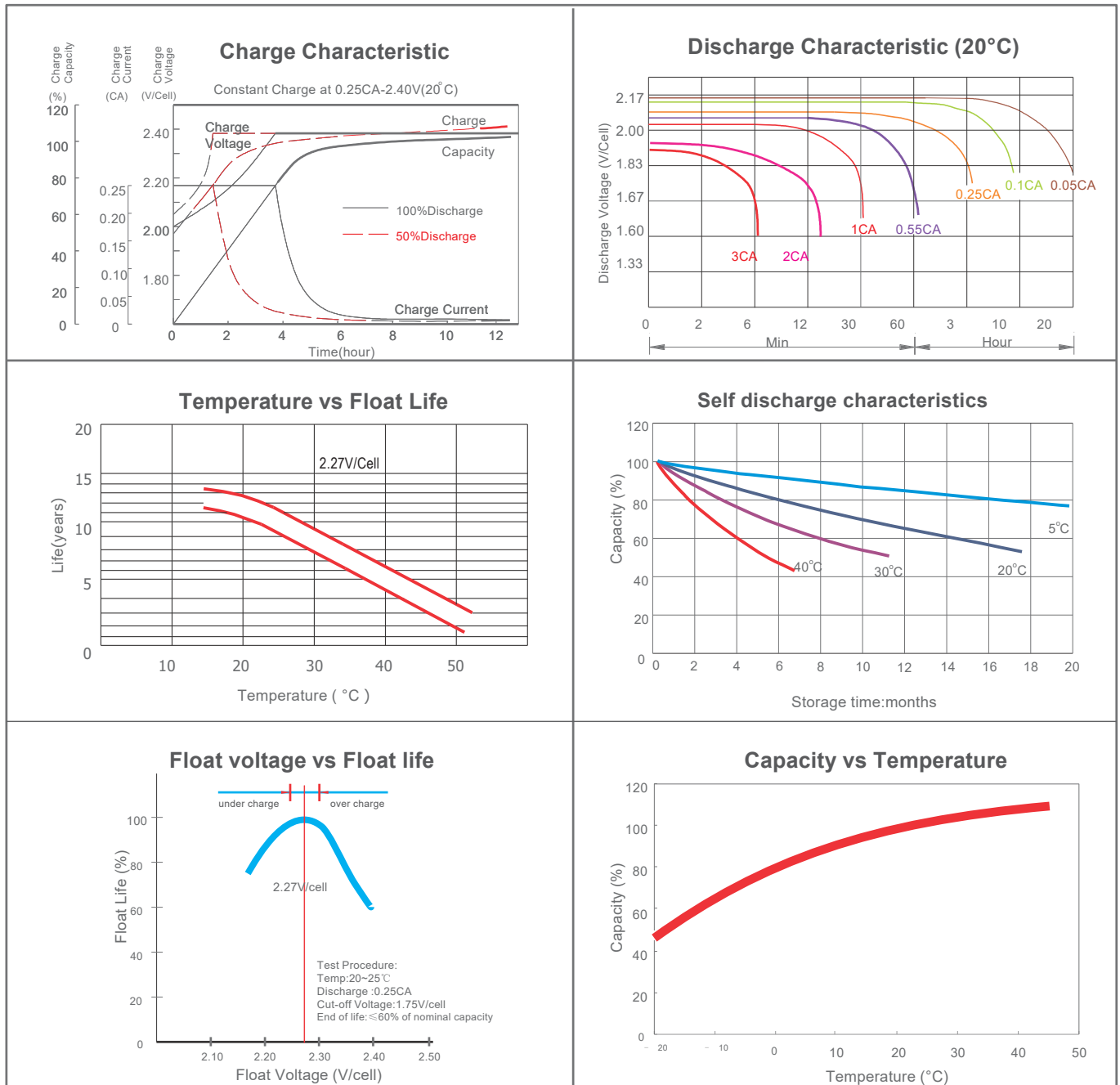


## BATTERY DISCHARGE TABLE

Constand current discharge (25°C)

F. V/Time	3HR		5HR		20HR	
	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)	current (Amps)	capacity (Ah)
1.75V	26,6	80	18	90	5,5	110

## 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	$\geq 1.85V_{pc}$	$\geq 1.80V_{pc}$	$\geq 1.75V_{pc}$	$\geq 1.70V_{pc}$	$\geq 1.60V_{pc}$