

TECHNICAL SPECIFIKATIONS

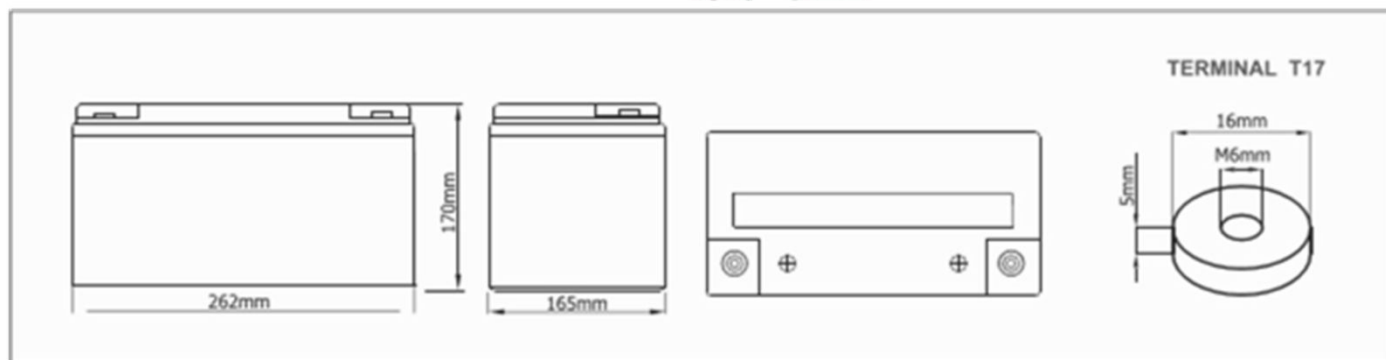
Nominal Voltage (V)	12 V (6 Cells per Unit)
Designed Floating Life (20°C)	12 Years
Nominal Capacity (20°C)	77Ah HR20-Rate/60Ah HR 3-Rate (to 1.75Vpc)
Dimension (mm)	L262mm*W165mm*H170mm
Approx. Weight	20 kg (lbs)
Terminal Type	Female Copper Insert M6
Internal Resistance	Approx. 0.0055 ohm (fully charged @ 20°C)
Max. Charge Current	15 A
Max. Discharge Current (5S)	600A
Short Circuit Current	1800A
Self Discharge	Approx.3% per month @ 20°C)
Ambient Temperature	Discharge: -20 °C to 60 °C Charge: -20 °C to 60 °C Storage: -20 °C to 45 °C
Float Charge Voltage (20~25°C)	13.7-13.9V (-3mV/ cell/°C)
Equalize and cycle Use Charge Voltage (20~25°C)	14.3-14.6V (-5mV/ cell /°C)
Container Material	ABS (UL-V0 optional)



Complied standards

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

BATTERY DIMENSIONS



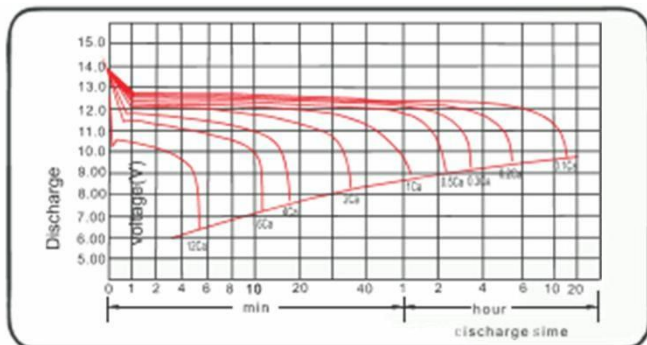
BATTERY DISCHARGE TABLE

Constand current discharge (25°C)

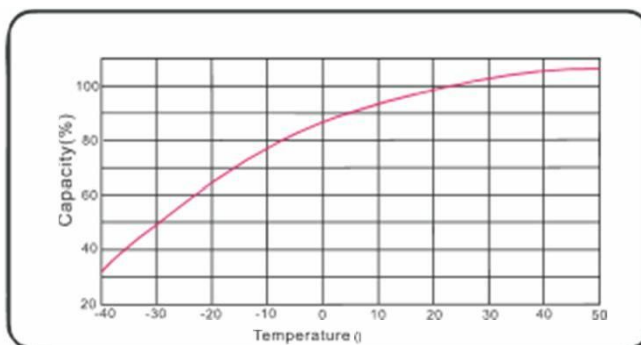
	3HR		5HR		10HR		20HR	
F.V/Time	Current (Amps)	Capacity (Ah)	Current (Amps)	Capacity (Ah)	Current (Amps)	Capacity (Ah)	Current (Amps)	Capacity (Ah)
1.75V	20	60	13	65	7	70	3,85	77

CHARACTERISTICS

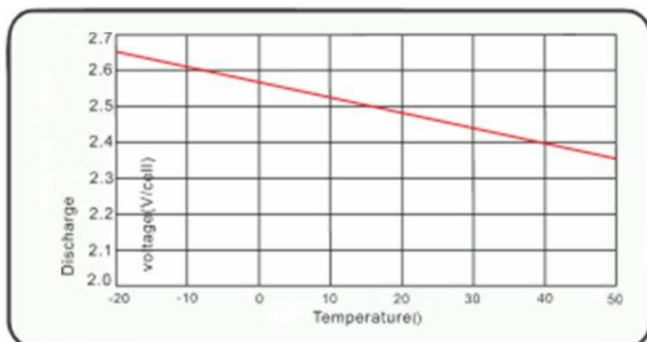
Discharge Characteristic Curve



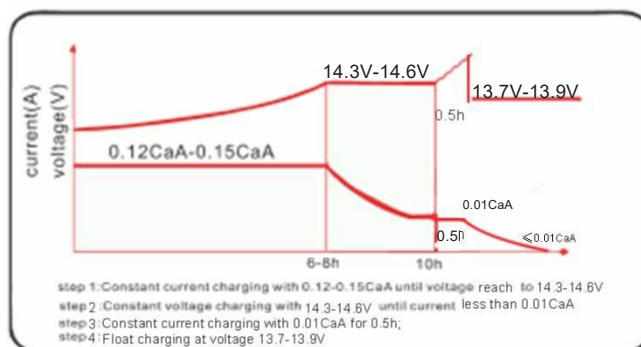
Effect of Temperature on Capacity



Effect of Temperature on Charge Voltage



Charge Characteristic Curve



Cycle Service Life

