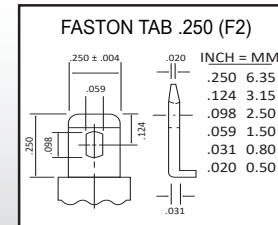
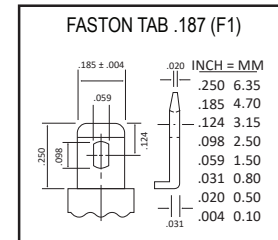


## SPECIFICATIONS

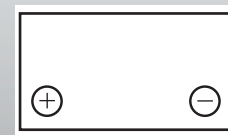
BATTERY MODEL	TERMINAL OPTIONS	CASE MATERIAL OPTIONS
NPY7-6	Faston .187 (F1) Faston .250 (F2)	UL 94 V-0 UL 94 HB
Nominal voltage (V)		6
20-hr rate Capacity to 5.25V at 25°C (77°F) (Ah)		7.0
10-hr rate Capacity to 5.25V at 25°C (77°F) (Ah)		6.6
<b>DIMENSIONS</b>		
Length		151mm (5.94 in.)
Width		34mm (1.34 in.)
Height over terminals		100mm (3.94 in.)
Weight		1.00kg (2.20 lbs.)
<b>OPERATING TEMPERATURE RANGE</b>		
Storage (in fully charged condition)		-15°C to +40°C (-5°F to +104°F)
Charge		-0°C to +40°C (32°F to +104°F)
Discharge		-15°C to +45°C (-5°F to +113°F)
<b>STORAGE</b>		
Capacity loss per month at 25°C (77°F) (% approx.)		3
<b>CHARGE VOLTAGE</b>		
Float charge voltage at 25°C (77°F) (V)/Battery		6.90 (±1%)
Float charge voltage at 25°C (77°F) (V)/Cell		2.3 (±1%)
Float charge voltage temperature correction factor from standard 25°C (77°F) (mV)		-3
Cyclic (or Boost) charge voltage at 25°C (77°F) (V)/Battery		7.35 (±1%)
Cyclic (or Boost) charge voltage at 25°C (77°F) (V)/Cell		2.45 (±1%)
Cyclic charge voltage temperature correction factor from standard 25°C (77°F) (mV)		-4
<b>CHARGE CURRENT</b>		
Maximum charge current (A)		2.1
<b>DISCHARGE CURRENT</b>		
Maximum continuous discharge current, 5 sec. (A)		70
Short circuit current (A)		350
<b>IMPEDANCE</b>		
Measured at 1 kHz (mΩ)		15
<b>DESIGN LIFE</b>		
YUVOLT design life at 25°C (77°F)		up to 3 yrs



### TERMINALS



### LAYOUT



### 3RD PARTY CERTIFICATION

ISO 9001 Certificate  
ISO 14001 Certificate  
DRC Conflict Free

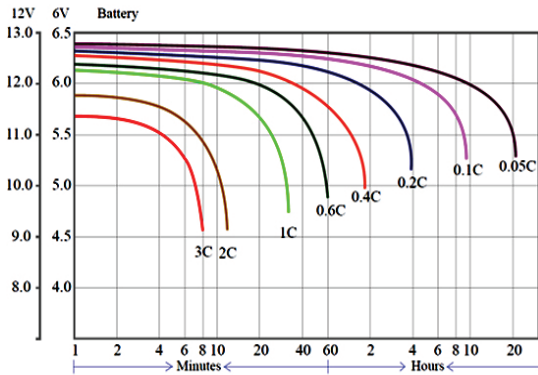
### FLOAT SERVICE LIFE

The expected service life is three years in float standby applications.

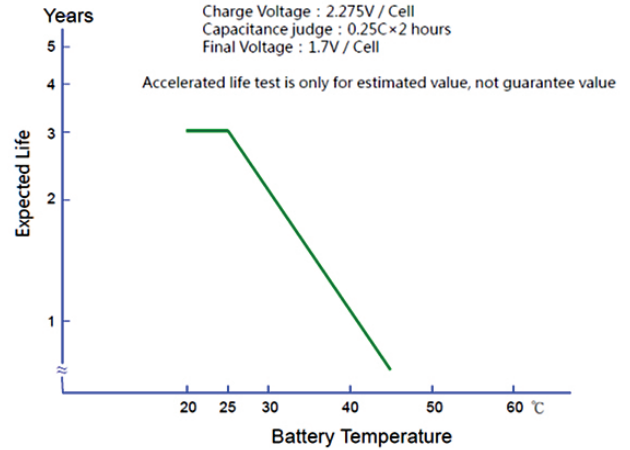


## DISCHARGE CHARACTERISTICS

Discharge Characteristics Curves at 25°C

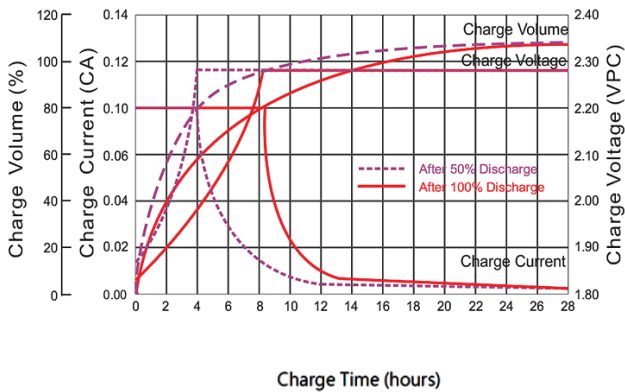


## FLOAT SERVICE LIFE



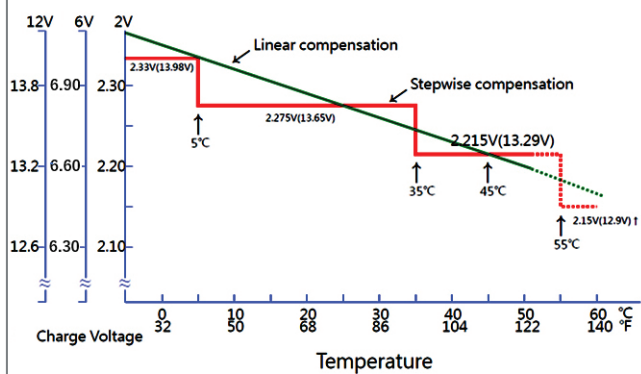
## CHARGE CHARACTERISTICS

Temperature: 25°C (77°F)



## CHARGE VOLTAGE

Relationship Between Temperature and Charge Voltage



**WARNING:** Cancer and Reproductive Harm. Wash hands after handling. [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### ABOUT GS YUASA ENERGY SOLUTIONS, INC.

GS Yuasa Energy Solutions, Inc. is an American subsidiary of GS Yuasa Corporation, the world's second largest battery company and a 100+ year old Japanese corporation. GS Yuasa Energy Solutions (GYES) was formed in 2019 to address the growing energy storage and reserve power markets. GYES brings together and leverages GS Yuasa Group's advanced technologies with proven American market successes in lithium, telecom, UPS, alarm & security, and energy storage into a single business unit.



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