



FTS 12-7.0

PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (20Hr)		7,0Ah
Dimension	Length	151 ±2mm
	Width	65 ±2mm
	Container Height	95 ±2mm
	Total Height	101 ±2mm
Drawing 400394-0		Weight 2,15 Kg ± 5%
FASTON Terminal		Bolt Type: F1(4,8mm)

ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)
Capacity	20 hour rate (1,8Vpcf/in)	7,00Ah	<p>Discharge Characteristics(25°C/77 °F)</p>
	10 hour rate (1,8Vpcf/in)	6,10Ah	
	5 hour rate (1,7Vpcf/in)	5,60Ah	
	3 hour rate (1,7Vpcf/in)	5,13Ah	
	1 hour rate (1,6Vpcf/in)	4,25Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 28 mΩ±10%			
Constant Voltage Charge	Cycle	Initial Charging Current less than 2,1A Voltage 14,70~15,00V at 20°C Temperature Coefficient -30 mV/°C	
	Standby	No limit on Initial Charging Current Voltage 13,60~13,80V at 20°C Temperature Coefficient -20 mV/°C	

Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 25°C

Time		5min	15min	30min	60min	90min	120min	180min	300min	480min	600min
9,90V	A	24,75	12,90	7,63	4,17	2,48	1,90	1,75	1,18	0,80	0,65
	W	40,71	20,06	12,77	7,40	4,11	3,01	2,28	1,97	1,30	1,09
10,2V	A	23,40	12,05	7,28	4,14	2,36	1,87	1,71	1,12	0,73	0,63
	W	38,70	20,01	12,02	7,23	3,97	2,86	2,23	1,90	1,19	1,08
10,8V	A	20,77	10,23	6,42	3,78	2,13	1,82	1,67	1,10	0,69	0,61
	W	34,23	17,12	10,65	6,12	3,55	2,58	2,19	1,83	1,11	1,05