



## FTS 12-7.2

### PHYSICAL SPECIFICATION

Nominal Voltage		12V	Battery VRLA (Valve Regulated Lead Acid) AGM (Absorbed Glass Material) Sealed – Maintenance free Box and Lid ABS FV0 UL94V0 green Exercise Temperature: from -20°C to +50°C VRLA a valve per each cell Design Life >10 years (at 20°C) Standards: CEI EN 60896 Parts 21 and 22
Nominal Capacity (20Hr)		7,2Ah	
Dimensions	Length	151 ±2mm	
	Width	65 ±2mm	
	Box Height	95 ±2mm	
	Total Height	101 ±2mm	
Drawing n° 400275-0		Weight 2,30 Kg ± 5%	
FASTON Terminal		Bolt Type: F1/F2 on request	
		<b>Disponibile anche FASTON F2 (6,3mm)</b>  <b>F1</b> <b>Standard Terminal</b>  	
		colour of box and lid green colour of silkscreen white  date of production: mmyyL site of production year of production month of production  Box and lid FV0 on request Terminal type FASTON F1/F2 on request	

### ELECTRICAL SPECIFICATION

<b>Characteristics</b>			<b>Discharge curves @ 25°C (77 °F)</b>
Capacity	20 hour rate	7,20Ah	
	10 hour rate	6,40Ah	
	5 hour rate	5,65Ah	
	3 hour rate	5,22Ah	
	1 hour rate	4,95Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 25 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	24,77	12,92	7,86	4,67	2,51	1,94	1,78	1,21	0,80	0,68
	W	40,87	21,32	12,97	7,70	4,14	3,04	2,38	2,00	1,32	1,12
10,2V	A	23,49	12,15	7,32	4,44	2,42	1,90	1,74	1,18	0,78	0,67
	W	38,75	20,06	12,08	7,32	4,00	2,90	2,30	1,95	1,29	1,10
10,8V	A	20,83	10,42	6,50	3,98	2,26	1,86	1,70	1,13	0,75	0,64
	W	34,37	17,20	10,72	6,56	3,73	2,77	2,21	1,87	1,24	1,06