



SPECIFICATIONS				
CELL TYPE	DIMENSIONS			UNITS
	LENGTH	WIDTH	HEIGHT	
TS50-7	7.8	5.39	11.42	Inches
	198	137	290	Millimeter
CELL CAPACITY (AH)		VOLTAGE	TERMINALS	
⊕ 5HR RATE	⊕ 20HR RATE			
350	430	2V CELL	2	

LEGEND	
1	CONTAINER (JAR)
2	COVER (LID)
3	NEGATIVE GRID 1/2
4	NEGATIVE GRID 1/1
5	POSITIVE GRID
6	SEPARATOR
7	RIB
8	POLE / TERMINAL
9	RUBBER GASKET
10	FILLER / INSPECTION CAP

TUBULAR SOLAR BATTERY ADVANTAGES

Elastic Tubular woven gauntlet for positive elements eliminates shedding of active material.
 Exceptional electrolyte interaction with active material on positive tubular element.
 Copper terminal connector, with safety cover over terminals, up to IP25 classification.
 Fully isolated design of cables and terminals, ensure no transient current on battery surface.
 Accredited protection system, virtually eliminating short circuit hazards.
 Longer life, 15 plus years in cycling applications.
 Higher cycle life than conventional 2 volt industrial batteries.
 Exceeding 3000 cycles for tubular plate design.
 Optional centralized filling systems.

SPECIFIC GRAVITY	1.275 @ 20C (68F)
NOMINAL CELL VOLTAGE	2.00 volt
CHARGE ACCORDING TO:	DIN standard 41773
BULK CHARGE (CC)	2.45-2.47 VDC @ 20C (68F)
FLOAT CHARGE (CV)	2.27 VDC @ 20C (68F)
ISO 14001 ISO 9001	

BATTERY SPECIFICATIONS
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