

**RT RANGE OF TUBULAR CELLS**  
**CAPACITY PERFORMANCE**

TYPE	AMPERE HOURS TO 1.83 VPC 10hrs	AMPERE HOURS TO 1.83 VPC 20hrs	AMPERE HOURS TO 1.83 VPC 30hrs	AMPERE HOURS TO 1.83 VPC 150hrs	AMPERE HOURS TO 1.83 VPC 120hrs	OVERALL LENGTH (mm)	OVERALL WIDTH (mm)	OVERALL HEIGHT (mm)	OVERALL MASS (kg) (Pkg)	LITRES PER CELL OF 1.25N ELECTROLYTE	ACID RESERVOIR HEIGHT (mm)
RT 9	336	389	434	395	288	93	159	519	23.42	4.42	100
RT 11	318	337	356	368	372	108	188	546	26.50	5.20	100
RT 13	321	384	437	411	447	126	205	548	28.28	6.06	100
RT 15	445	471	498	511	521	146	158	546	34.66	6.29	100
RT 17	508	519	545	544	598	155	198	545	37.72	6.92	100
RT 19	572	605	640	657	670	185	158	548	42.82	7.38	100
RT 21	625	675	711	731	745	201	158	548	45.90	8.46	100
RT 23	699	740	782	803	819	224	158	546	50.98	8.78	100
RT 25	752	805	845	872	888	244	158	545	55.06	9.47	100

**MT RANGE OF TUBULAR CELLS**  
**CAPACITY PERFORMANCE**

TYPE	AMPERE HOURS TO 1.83 VPC 10hrs	AMPERE HOURS TO 1.83 VPC 20hrs	AMPERE HOURS TO 1.83 VPC 30hrs	AMPERE HOURS TO 1.83 VPC 150hrs	AMPERE HOURS TO 1.83 VPC 120hrs	OVERALL LENGTH (mm)	OVERALL WIDTH (mm)	OVERALL HEIGHT (mm)	OVERALL MASS (kg) (Pkg)	LITRES PER CELL OF 1.25N ELECTROLYTE	ACID RESERVOIR HEIGHT (mm)
MT 7	166	164	173	180	181	70	205	590	14.28	3.01	100
MT 9	168	218	271	281	282	83	205	604	18.34	4.11	100
MT 11	259	273	288	300	302	100	205	491	22.42	4.82	100
MT 13	308	305	348	361	362	128	205	505	28.48	6.19	100
MT 15	341	342	404	420	423	146	205	491	29.86	6.59	100
MT 17	432	447	461	485	484	159	205	491	32.92	7.19	100
MT 19	454	491	519	540	544	185	205	491	36.70	8.48	100
MT 21	519	548	577	591	594	209	205	491	40.78	9.84	100
MT 23	557	600	634	660	668	224	205	491	43.84	9.87	100
MT 25	616	659	682	701	708	244	205	491	47.92	9.88	100

**OPERATING CONDITIONS FOR SOLAR CELLS**

TEMPERATURE 20 - 26°C  
 SPECIFIC GRAVITY 1.240 +/- 0.01

VOLTAGE ON CHARGE: SOLAR APPLICATION  
 Float 2.2 VPC @ 25°C, i.e. 13.8 Volts  
 Boost 2.35 - 2.4 VPC @ 25°C, i.e. 14.1 Volts

STANDBY APPLICATION  
 Float 2.2 VPC @ 25°C, i.e. 13.8 Volts  
 Boost 2.35 - 2.4 VPC @ 25°C, i.e. 14.1 Volts

SELF DISCHARGE AT 20°C: 0.6 Volts per month

TERMINALS M10 Stainless Steel Cap Screw (Torque 30Nm)  
 PLATE ALLOYS Positive Plate Lead Antimony  
 Negative Plate Lead Antimony

**Note:**

if an alternating current/voltage is superimposed on the float voltage, heating of the cell or monoblock may occur. This reduces the service life of the battery. Alternating currents should not be allowed to go negative. Peak voltages and other wave shaped fluctuations may be accepted provided that the peak to peak system voltage without battery, but with the charger connector, remains within +/- 2.5% of the recommended voltage of the battery.

NB: Under no circumstances should the current flowing through the battery in the standby-parallel mode be reversed.

