

RT RANGE OF TUBULAR CELLS

CAPACITY PERFORMANCE

TYPE	AMPERE HOURS TO 1.8V VPC 10HR	AMPERE HOURS TO 1.8V VPC 20HR	AMPERE HOURS TO 1.8V VPC 50HR	AMPERE HOURS TO 1.8V VPC 100HR	AMPERE HOURS TO 1.8V VPC 120HR	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	309	284	259	238	90	188	548	22.48	4.42	185
RT 11	318	337	356	388	372	108	188	548	28.50	5.20	185
RT 13	381	484	477	438	447	126	188	548	34.58	5.88	185
RT 15	445	471	499	511	521	146	188	548	34.66	6.29	185
RT 17	508	538	549	544	593	162	188	548	37.72	6.90	185
RT 19	572	608	640	657	670	185	188	548	42.82	7.38	185
RT 21	635	673	711	731	745	201	188	548	46.90	8.48	185
RT 23	699	740	782	803	819	224	188	548	50.98	8.78	185
RT 25	762	806	845	871	888	241	188	548	55.04	9.47	185

MT RANGE OF TUBULAR CELLS

CAPACITY PERFORMANCE

TYPE	AMPERE HOURS TO 1.8V VPC 10HR	AMPERE HOURS TO 1.8V VPC 20HR	AMPERE HOURS TO 1.8V VPC 50HR	AMPERE HOURS TO 1.8V VPC 100HR	AMPERE HOURS TO 1.8V VPC 120HR	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	165	164	173	180	181	70	205	590	14.28	3.01	100
MT 9	209	218	237	246	242	85	205	590	18.34	4.11	100
MT 11	250	273	288	300	302	100	205	590	22.42	4.82	100
MT 13	288	324	346	364	368	118	205	590	26.48	5.78	100
MT 15	341	382	404	420	423	146	205	590	29.56	6.89	100
MT 17	412	437	461	484	483	165	205	590	32.68	8.10	100
MT 19	454	491	519	540	544	185	205	590	36.70	8.48	100
MT 21	519	548	577	596	604	205	205	590	40.78	7.98	100
MT 23	587	600	634	660	665	224	205	590	45.84	7.87	100
MT 25	618	658	682	711	718	241	205	590	47.90	8.54	100

OPERATING CONDITIONS FOR SOLAR CELLS

TEMPERATURE 20 - 25°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: 0.5 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.

