

TYPE	AMPERE HOURS TO 1.85 VPC 10Hrs	AMPERE HOURS TO 1.85 VPC 20Hrs	AMPERE HOURS TO 1.85 VPC 50Hrs	AMPERE HOURS TO 1.85 VPC 100Hrs	AMPERE HOURS TO 1.85 VPC 120Hrs	OVERALL LENGTH (mm)	OVERALL WIDTH (mm)	OVERALL HEIGHT (mm)	OVERALL MASS (Kg) FILLED	LITRES/CELL OF 1.250SG ELECTROLYTE	ACID RESERVOIR HEIGHT (mm)	
RT 9	254	269	284	292	298	93	158	546	22.42	4.42	100	
RT 11	318	337	356	365	372	108	158	546	26.5	5.2	100	
RT 13	381	404	427	438	447	126	158	546	30.58	5.5	100	
RT 15	445	471	498	511	521	146	158	546	34.66	6.29	100	
RT 17	508	538	569	584	596	165	158	546	37.72	6.5	100	
RT 19	572	606	640	657	670	185	158	546	42.82	7.38	100	
RT 21	635	673	711	730	745	205	158	546	46.9	8.4	100	
RT 23	699	740	782	803	819	224	158	546	50.98	8.78	100	
RT 25	762	808	853	876	894	243	158	546	55.06	9.97	100	

Accessories

LO2017	INTER-CONNECTOR 120MM	
LO2018	INTER-CONNECTOR 130MM	
LO2019	INTER-CONNECTOR 310MM	
LO2033	TAKE-OFF LEADS	

OPERATING CONDITIONS FOR SOLAR CELLS

TEMPERATURE: 20 - 25°C
 SPECIFIC GRAVITY: 1,240 +/- 0,01
 CHARGE VOLTAGES : 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 & Negative Plates = 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 connected, 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.



RT TUBULAR PLATE CELLS

DEEP CYCLE

FEATURES	BENEFITS
Large Electrolyte Head (100mm)	Topping up intervals reduced dramatically
Proven product	Design proven in local Mining Industry
Bolt on connector	Totally insulated terminals for safety Easier maintenance Less hazardous No acid creepage
Blocked off end tubes	Eliminates short circuiting on + and - plates should mousing occur
Coloured plastic lock nuts	Plastic nuts will prevent tracking between posts Coloured nuts prevent reverse assembly
No-oxide grease in lock nuts	Prevents acid creepage into posts
Microporous rubber separator	Separator can withstand high and low temperatures without losing porosity
Separators overlap plates	Reducing mousing risk
Large sediment space	Ensures extended battery life
Deep Cycle Cells	Tubular Positive Plates > 1000 cycles to 80% D.O.D

LIFE CYCLE DATA

