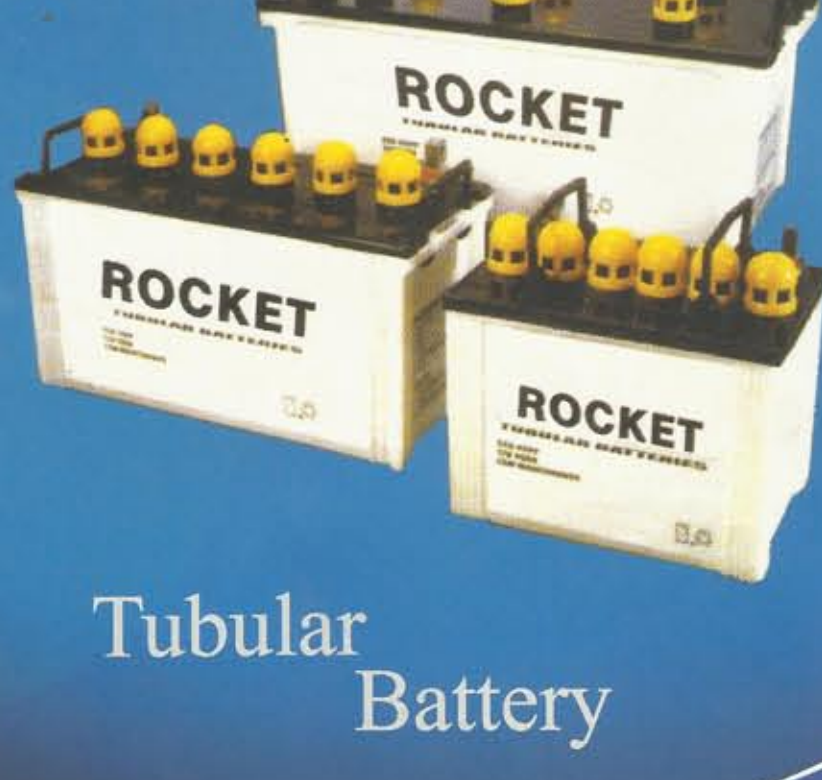


Energising the whole world



Tubular Battery

Global Battery Co. Ltd., South Korea

formerly known as Global & Yuasa Co. Ltd.

Unlimited Power

ROCKET

BATTERY

Unlimited Power

ROCKET

BATTERY

Introduction:

Global Battery Co. Ltd., South Korea

have already proved their superior quality

& have set international standards in the standby / back

up power segment through their SMF (VRLA) batteries

under the brand name Rocket.

It is now a matter of pleasure for global to introduce a new

range of Tubular Stationary cells in 2v segment & also in

12v monoblock batteries.

Technical Characteristics:

- positive tubular plates with low antimony alloy to reduce frequency of topping-up intervals
- Negative plates are of pasted grid type with lead calcium alloy
- Separators are made of high quality microporous material
- Micro Porous aqua-trap Ceramic Vent Plugs for individual cells - prevent acid mist coming out from the cells making it convenient for living room ambience.

Rocket Tubular Stationery 2v Cells Dimensional details

Type (2v Range)	Capacity @ 10 Hr Rate at end voltage of 1.85 V/Cell, 27 °C in AH	Overall Dimensions (mm) up to terminal (Tolerance +/-5mm)			Dry weight (Kg +/-5%)	Volume of Acid Approx (liters)
		L	W	H*		
EST 40 - 2	40	98	168	300	5.5	1.8
EST 60 - 2	60	98	168	300	6.0	2.0
EST 120 - 2	120	142	172	378	11.4	4
EST 150 - 2	150	142	172	378	13	3.5
EST 200 - 2	200	187	187	440	18.5	6.5
EST 300 - 2	300	315	185	460	27	8.5
EST 400 - 2	400	315	185	460	32.5	12.5
EST 500 - 2	500	375	188	500	40	14.5
EST 600 - 2	600	375	188	500	49	14.0
EST 800 - 2	800	445	260	645	82	31.0
EST 1000 - 2	1000	445	260	645	89	30.0
EST 1200 - 2	1200	445	260	645	105	28.0
EST 1500 - 2	1500	430	390	655	112	32.5
EST 1800 - 2	1800	430	390	655	165	34.0
EST 2000 - 2	2000	430	390	655	175	36.0

* Height up to terminal

Hard Rubber Container (2v Cells) Confirming to IS : 1651 : 1991]

Polypropylene Container (2v Cells) can also be made available

12v Monoblock Heat Sealed Polypropylene Batteries

Capacities Weights and Dimensions

Type	C10 Capacity (AH)	Normal Voltage (V)	Battery Weight		Overall dimensions in (mm) + mm			Approx. Acid Qty. In liters	Constant Current Charge (Amps)		Trickle Charge Current (mA)	
			Without Acid +5%	Without Acid +5%	L mm	W mm	H mm		Start	Finish	Min.	Max.
EST 20 - 12	20	12	10	16	260	173	235	4.7	2.4	1.2	20	80
EST 40 - 12	40	12	14	19	260	173	235	4.1	4.8	2.4	40	160
EST 60 - 12	60	12	20	30	413	175	249	7.6	7.2	3.6	60	240
EST 75 - 12	75	12	23	33	413	175	249	7.4	9.0	4.5	75	300
EST 100 - 12	100	12	32	46	513	215	250	11.6	12.0	6.0	100	400
EST 120 - 12	120	12	37	55	518	275	265	14.5	15.0	8.0	120	480
EST 150 - 12	150	12	43	60	518	275	265	13.8	20.0	10.0	150	600

These batteries can be found in different dimensions of Polypropylene Containers

Type	Nominal Capacity AT 10 hr. RATE (12 Volt)	Overall Sizes +/- 5mm			Battery Weight (approx.) +/- 5% (kg)		Electrolyte Vol. (approx) (Lts.)
		Length (mm) Overall	Width (mm) Bottom	Height (mm)	Dry	Wet	
EST 20-12	20	256	256	172	7.3	13.6	5.3
EST 40-12	40	305	305	172	14.4	20.7	5.3
EST 60-12	60	411	393	173	20.1	28.8	7.3
EST 80-12	80	513	485	212	25.9	39	10.8
EST 100-12	100	519	490	275	31.9	50	14.3
EST 120-12	120	519	490	275	36.9	53.2	13.5
EST 150-12	150	519	490	275	48.1	66.5	15.3
EST 180-12	180	519	490	275	56.6	73	14.7

Initial Filling and Charging Instructions

- Fill battery grade Sulphuric Acid in all the cells up the required levels. Filling Specific Gravity 1.245±0.005 at 27°C
- Fully Charged Specific Gravity 1.250±0.005 at 27°C
- Charge the batteries with constant current as indicated in the table, until the top of charge voltage reaches 2.70 Volts per cell.

Rocket presenting heat sealed range of Invapower thick flat pasted Tubular Stationary batteries for UPS and Invertors which are designed for deep cycling use in tropical conditions



BATTERY CONTAINERS / LIDS

Heat Sealed rugged Polypropylene leak proof Containers / Lids. Extra electrolyte above the plates which reduces battery maintenance.



LEAD ALLY

Specially mixed Selenium lead alloy used for plate grid casting, it greatly reduces topping up frequencies. (low maintenance)



BATTERY PLATES

In house produced, newly designed thick plates Technology; suitable for deep cycle applications of UPS & Invertors.



P.E. SEPARATORS

Low internal resistance Polyethylene envelope type separators with glass mat to enhance life of batteries by preventing internal short in between positive and negative electrodes.



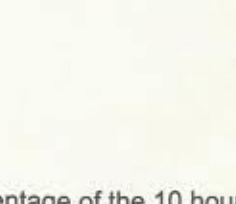
'L' SHAPE TERMINALS

'L' Shaped terminals welded for easy installation.



MICRO POROUS CERAMIC VENT PLUGS

Low water evaporation through vent holes and reduces the water losses.



S.S. FASTENERS

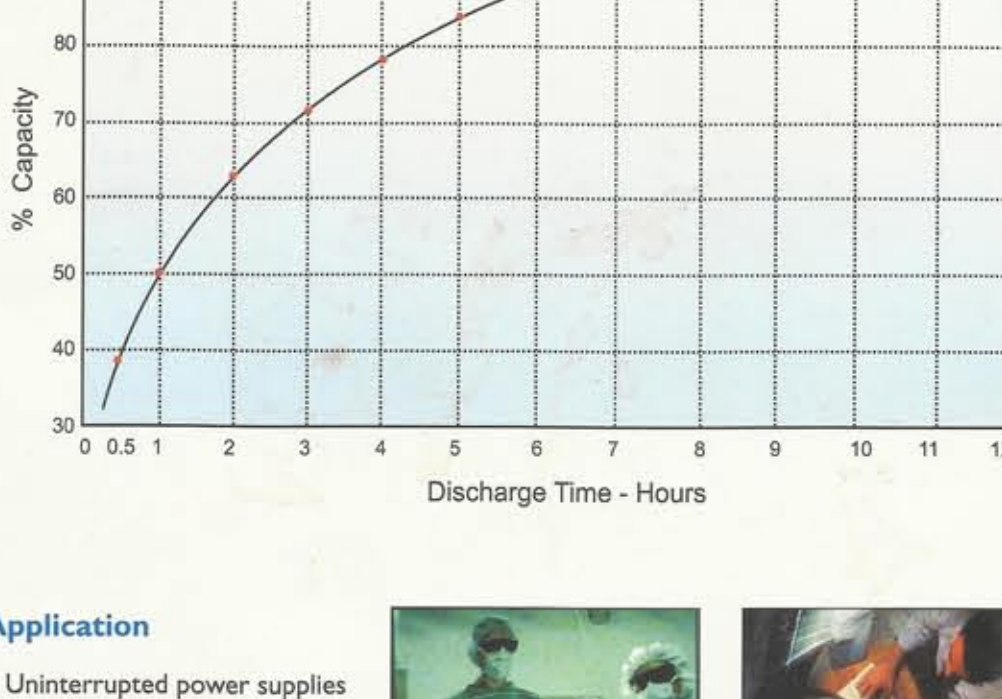
Goodbye to sulphation / corrosion on terminals and on its joints.



TUBULAR GAUNTLETS

Tubular positive plates consisting of Alloy grids and properly balanced active material encased in Chlorine free Polyester Gauntlets of high bursting strength with High Performance (HP)

Percentage of the 10 hour Capacity available at Other Rates of Discharge



Application

- 1) Uninterrupted power supplies
- 2) Telecommunication system
- 3) Communication networks
- 4) Emergency lighting systems
- 5) Fire & Security Equipment
- 6) Process control systems
- 7) Solar powered systems

