Energising the whole world

Sealed Maintenance - Free
Valve Regulated Lead - Acid Battery

ES & ESC Battery

SMF (Rocket)

Global Battery Co. Ltd., South Korea
formerly known as Global & Yuasa Co. Ltd.

Unlimited Power ROCKET Since 1952 BATTERY

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INTRODUCTION

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The most advanced technology of Rocket, Valve Regulated Lead Acid batteries make them highly useful in a broad range of application. Absorptive glassmat separators are used in these batteries. The use of high-purity calcium alloy maximises the longevity of ROCKET batteries. So you will be assured with ROCKET batteries excellent performance in any circumstance.

ESC Series are specially designed to provide better cyclic life and are ideally suited for areas prone to frequent power failures.

The unique construction coupled with the use of special sealing epoxies and long sealing paths of ROCKET series ensures that no electrolyte leakage can occur from terminals or cases of any ROCKET Batteries. This feature ensures safe & efficient operation of ROCKET batteries in any position.

ROCKET Batteries have excellent Deep Discharge Recovery and Charge Acceptance even after deep or prolonged discharge.

TECHNICAL FEATURES

- Non-Spillable Sealed Construction
- Absorptive Glass Mat System (AGM System)
- ABS(Acrylonitrile Butadiene Styrene) container and cover
- Gas Recombination
- Maintenance-Free Operation
- Low Pressure Venting System
- Heavy-Duty Grids
- Low Self-Discharge - Long Shelf Life
- Wide Operating Temperature Range
- High Recovery Capability

DESIGNED LIFE :

- ES Series Designed for float life of 6 years at an ambient temperature of 20°C / 68°F.
- ESC Series Designed for float life of 10 years at an ambient temperature of 20°C / 68°F.

MAIN APPLICATIONS

- UPS Systems
- Telecom Communication Equipments
- Fire Alarm & Security Systems
- Medical Instruments
- Emergency Lighting
- Computer Backup
- Solar Powered Systems

SPECIFICATIONS OF ES BATTERIES

BATTERY Type	Nominal Voltage (V)	RATED CAPACITY					MAXIMUM	CHARGING VOLTAGE		DIMENSIONS				WEIGHT	TERMINAL TYPE
		20HR 1.75 V CELL	10HR 1.75 V CELL	5HR 1.70 V CELL	3HR 1.60 V CELL	1HR 1.60 V CELL	CHARGING CURRENT (A)	STAND BY USE V	CYCLE USE (V)	LENGTH	WIDTH	HEIGHT	TOTAL HEIGHT	APPROX KGS. ± 3%	
ES 7-12	12	7	6.5	6	5.5	4.35	1.7	13.50 TO 13.80 V at 20(°C) (68 °F)	14.4 TO 15 V at 20(°C) (68 °F)	151	65	94	99	2.10	F12
ES 12-12	12	12	11.20	10.5	9.45	7.90	3			152	98	95	101	3.7	F12
ES18-12	12	18	16.7	15.3	13.9	11.8	4.5			181	76	167	167	5.6	M5
ES 26-12	12	26	24	22.1	19.5	15.8	6.5			166	175	125	125	7.2	M5
ES 42-12	12	42	39	35.0	32.5	25.2	10.5			196	165	170	170	13.1	M6
ES 65-12	12	65	60.5	58	50	41	16			350	166	179	183	19.5	M6

SPECIFICATIONS OF ESC BATTERIES

ESC 100-12	12	100	95	85	78	65	25	13.50 TO 13.80 V at 20(°C) (68 °F)	14.4 TO 15 V at 20(°C) (68 °F)	329	172	214	221	30.00	M6
ESC 120-12	12	120	111.5	102	90	74	30			410	176	227	227	33.5	M8
ESC 150-12	12	150	140	129.5	121	97	37.5			485	172	240	240	43.00	M8
ESC 200-12	12	200	187	172	160	128	50			522	238	218	223	60.00	M8

Specific Capacity requirement can be produced on request for bulk quantity .

COMPLAINT STANDARDS

JIS
IEC 60896 PART 1&2
BS6290-4,
Eurobat Guide-HIGH Performance

TERMINAL