

**EXIDE**



# POWERSAFE PLUS

the technology within

POWERING THE  
CYBER WORLD



Sealed Maintenance Free VRLA Batteries

Visit us at: [www.exideindustries.com](http://www.exideindustries.com)

EXIDE  
INDUSTRIAL

**CONSTRUCTION:** ■ Positive and negative plates in lead-tin-calcium alloy. ■ Separator - low resistance micro porous glass fiber. ■ The electrolyte is absorbed within this material, preventing acid leakage in case of accidental damage. ■ Terminals with a large surface area provide maximum conductivity. ■ Bolt-on Terminal for 120Ah & above for superior HRD performance. ■ Self-regulating pressure relief valve. ■ 100% ensured capacity (through Data-logger) during manufacturing. ■ Stronger, sturdier & attractive packaging. ■ Especially suited for UPS & Power Application

**FEATURES:** ■ International Size. ■ Free from Orientation Constraints. ■ Eco-Friendly. ■ Easy Handling. ■ Ready to Use. ■ Long Service Life. ■ Low Self-discharge. ■ Excellent Charge retention & recovering ability. ■ Superior High Rate Discharge. ■ High Reliability.

Performance Characteristics confirming to JISC8702


### SPECIFICATIONS CHART

Type of Battery	Nominal Voltage (V)	Rated Capacity (Ah) at 27° C.						Dimensions (mm)				Weight ±5% (Kg)
		20 hrs 1.75 V/cell	10 hrs 1.75 V/cell	3hrs 1.7 V/cell	1.5 hrs 1.7 V/cell	1 hrs 1.6 V/cell	30 mins. 1.6 V/cell	Overall Height (±2)	Height upto lid top (±2)	Length (±1)	Width (±1)	
EP 7.5-12	12	7.5	6.9	5.5	5.3	4.5	3.7	100	94	151	65	2.40
EP 1234W	12	9	8.1	6.8	6.4	5.4	4.5	100	94	151	65	2.6
EP 12-12	12	12	11.2	9.0	8.6	7.2	6.0	100	94	151	98	3.8
EP 18-12	12	18	16.9	13.7	13	10.8	9.0	167	167	181	76	5.0
EP 26-12	12	26	24.0	19.5	18.7	15.6	13.0	179	179	178	124	8.8
EP 42-12	12	42	38.5	31.5	30.2	25.2	21.0	181	181	201	165	13.9
EP 65-12	12	65	60.0	48.6	46.8	39.0	32.5	181	181	350	166	20.2
EP 75-12	12	75	69.0	56.2	54.0	45.0	37.5	183	183	391	166	23.0
EP 84-12	12	84	76.4	63.0	60.5	50.5	42.0	235	235	407	173	30.0
EP 100-12	12	100	91.0	75.0	72.0	60.0	50.0	235	235	407	173	32.5
EP 120-12	12	120	109.0	90.0	86.4	72.0	60.0	239	239	452	172	38.0
EP 150-12	12	150	136.5	112.5	108.0	90.0	75.0	250	250	536	186	46.8
EP 200-12	12	200	182.0	150.0	144.0	120.0	100.0	250	250	536	250	64.8

\*\*34Ah/130Ah/160Ah are also available based on special request

Charge Parameters		
Recharge voltages: Batteries to be charged in CCCV mode only		
Recharge Voltage Type	Voltage settings per 12 V unit for ambient temperature 20.30°C	Current setting
Float	13.7±0.1 V	Maximum: 30% of rated Ah
Boost	14.1±0.1 V	Minimum: 10% of rated Ah
Cyclic	14.7±0.1 V	
Temperature compensation (Reference 25°C)		FLOAT: -18mV / °C / 12 V unit CYCLIC: -30 mV / °C / 12 V unit

Product Details	
Operating Temperature Range	0°C-45°C
Recommended Operating Temperature	5°C-35°C
Recommended Storage Period	3-6 months (from date of Mfg.) at 20°C-30°C
Self-discharge per month	<3% of Rated Capacity at 25°C
Ah Efficiency	>90%
Wh Efficiency	>80%
Material of lid/Container	ABS-12V 7.5Ah-12V 26Ah PPCP-12V 42Ah-12V 200Ah **FRVO option available

 Underwriters Laboratories Inc.® USA certification for the products are available as an option. FR Grade batteries are available as an option.

**Statutory Notice:**  
All batteries contain lead, which is harmful for humans and environment. As per statutory requirements, the used battery must be returned to the authorized dealer, manufacturer or at the designated collection centres.

Contact our Exide Powercentre Showrooms for Sales & Services



**POWERSAFE PLUS** is a product of ISO 9001, ISO 14001, and OHSAS 18001 certified factory

**Head Office:**

Kolkata 'Exide House', 59E Chowringhee Road, Kolkata - 700 020, Phone (033) 2283 2120/33/36/50/51/71/ 2238/39, Fax (033) 2283 2632/37

**Corporate Marketing Office:**

Kolkata 6A Hatibagan Road, Entally, Kolkata - 700 014, Phone (033) 01149541640, Fax (033) 2286 6186, E-mail: [indlcare@exide.co.in](mailto:indlcare@exide.co.in)

**Regional Offices:**

**New Delhi:** 'Exide House', 8/42 Kirtinagar Industrial Area, Opposite MDH Spice Factory, New Delhi - 110015, Phone: (011) 49541640

**Chennai:** Exide Industries Limited, New No. 824/2, Old No. 398, Third Floor, Anna Salai, Nandanam, Chennai - 600 035 (Before Hyundai Showroom), Phone (044) 23747900/914, Fax (044) 4907 5126

**Mumbai:** 'RAHEJAS', 5th Floor, 8C Main Avenue, V P Road, Santacruz (West), Mumbai - 400 054, Phone (022) 2646 5283/84, Fax (022) 2646 5042

**Kolkata:** 6A Hatibagan Road, Entally, Kolkata - 700 014, Phone (033) 2286 6158/6159, Fax (033) 23023600/22866158/59/93, E-mail: [indlcare@exide.co.in](mailto:indlcare@exide.co.in)

This catalogue is issued to provide outline information only and is not deemed to form part of an offer or contract. Our policy is one of continued improvement and we reserve the right to change details without prior notice.

**E-mail: [indlcare@exide.co.in](mailto:indlcare@exide.co.in), Visit us at [www.exideindustries.com](http://www.exideindustries.com) | Toll Free No. 1800-103-5454**

+91 8806660084 [www.prasa-pl.com](http://www.prasa-pl.com) [enquiry@prasa-pl.com](mailto:enquiry@prasa-pl.com)