

EXIDE

**POWERSAFE
PLUS**

the technology within

EXIDE
INDUSTRIAL

POWERING THE
CYBER WORLD



Sealed Maintenance Free VRLA Batteries

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 C.C.C.V 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

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