

EXIDE

POWERSAFE PLUS

POWERING THE
CYBER WORLD



FAST RECOVERY FROM
DEEP DISCHARGE



EXCELLENT CHARGE
RETENTION



EXTENDED
CYCLE LIFE



ECO-FRIENDLY

*Conditions apply

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	Capacity Ah @ C20	Dimensions (± 5mm)			Constant Power Discharge Ratings - Watts at 27°C (1.75 ECV)									Terminal Type	Plastic Material*
		Length	Width	Height	10 Min	15 Min	30 Min	60 Min	2 Hrs	3 Hrs	5 Hrs	10 Hrs	20 Hrs		
EP 26-12	26	178	124	179	671	517	303	189	116	80	53	30	18	M5 Flag	ABS
EP 42-12	42	199	165	181	1001	794	491	299	183	129	86	49	30	M5 Flag	PPCP
EP 65-12	65	350	166	181	1625	1290	798	483	296	199	133	76	46	M6 Flag	PPCP
EP 75-12	75	391	166	183	1828	1445	893	541	333	227	154	87	54	M6 Flag	PPCP
EP 100-12	100	407	173	235	2370	1879	1163	703	431	306	205	117	74	M8 Flag	PPCP-FR
EP 120-12	120	452	172	239	2844	2255	1395	844	517	367	246	140	88	M8 Bolt-on	PPCP-FR
EP 150-12	150	536	186	250	3555	2819	1744	1055	646	459	308	176	111	M8 Bolt-on	PPCP-FR
EP 200-12	200	536	250	250	4739	3758	2325	1406	861	612	410	234	147	M8 Bolt-on	PPCP-FR

**Also available in 7Ah, 7.5 Ah, 9Ah, 12Ah, 18Ah, 84Ah, 130Ah, 160Ah.

Charging Parameters- Standby Operation

Batteries to be charged in CC-CV mode only		
Mode of Operation	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
Temperature compensation (Reference 25°C)		-18mV / °C / 12 V unit

*String equalisation to be done in boost mode once in 3 months for 12-24 hours

Product Details

Operating Temperature Range	0°C-45°C
Design life	10 Yrs (26Ah & above)
Recommended Storage Period	3-6 months (from date of Mfg.) at 20°C-30°C
Self-discharge per month	<3% of Rated Capacity at 27°C
Ah Efficiency	>90%
Wh Efficiency	>80%

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: indicare@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.

Visit: www.exideindustries.com | Toll Free No.: 1800-203-5758