

EXIDE

POWERSAFE PLUS

POWERING THE CYBER WORLD



FAST RECOVERY FROM DEEP DISCHARGE



EXCELLENT CHARGE RETENTION



EXTENDED CYCLE LIFE



ECO-FRIENDLY

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%

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