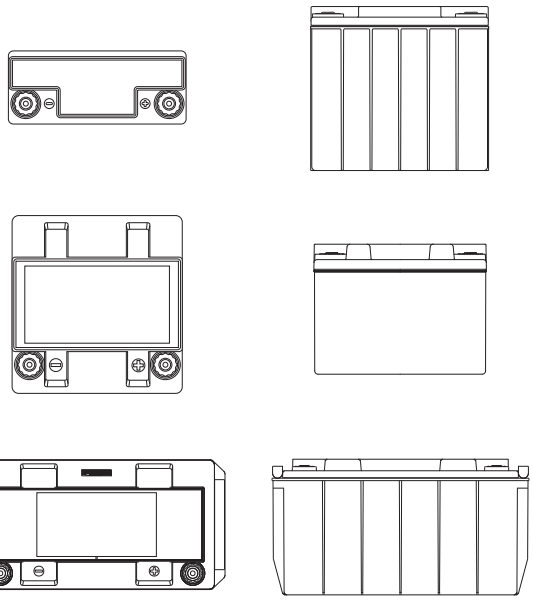
genesis®
PURELEAD

XE & EP BATTERIES RANGE SUMMARY

The Genesis® XE and EP thin plate pure lead batteries (TPPL) excel in demanding environmental and cycling applications such as:

- Electronics
- Medical Equipment
- Telecommunications
- Lawn and Garden Equipment
- Computer Backup
- UPS
- Alternative energy applications, e.g. solar and wind power
- Hybrid electric vehicles (HEV)



Specifications

Battery Design

- 12V pure lead-tin VRLA AGM batteries
- UL94 V-0 flame retardant case and cover
- M6 female no-maintenance terminals, 3/8-16 female terminals for XE95
- Can be installed in any orientation except inverted
- Rugged construction (optional metal jacket, except for XE95)
- Approved for shipping as non-hazardous, nonspillable

Performance Features

- -40°C to 80°C with metal jacket
- 400 cycles to 80% depth discharge
- High rate charge and discharge
- 2 year shelf life at 25°C
- Superior deep discharge recovery
- UL recognised - file No. MH12544



EnerSys®
Power/Full Solutions

RESERVE POWER

euro bateria

General Specifications

Battery Type	Nominal Voltage (V)	Nominal Capacity (Ah) 10 hr rate to 1.67Vpc @ 25°C	Nominal Dimensions Length mm	Width mm	Height mm	Overall Weight kg	Torque Nm	Internal Resistance (mΩ)	Typical Short Circuit Current (A)
XE13	12	13	175.0	83.1	129.0	5.4	5.6	9.0	1400
XE16	12	16	180.8	75.9	166.9	6.4	5.6	7.5	1600
XE30	12	28	165.9	175.0	125.0	10.2	6.8	5.0	2400
XE40	12	42	196.6	165.1	169.9	16.1	6.8	4.5	2600
XE70	12	68	328.7	166.1	174.0	25.7	6.8	3.5	3500
XE95	12	95	329.9	172.5	218.9	35.1	6.8	2.2	5000
G13EP	12	13	175.5	83.3	129.8	4.9	5.6	8.5	1400
G16EP	12	16	181.6	76.2	167.9	6.1	5.6	7.5	1600
G26EP	12	26	166.9	175.8	126.0	10.1	6.8	5.0	2400
G42EP	12	42	197.4	165.9	170.7	14.9	6.8	4.5	2600
G70EP	12	71	330.7	168.1	176.0	24.3	6.8	3.5	3500

Constant Current Discharge Performance

Constant current discharge rate, amps to 10.02V at 25°C

Battery Type	Minutes 5	10	15	30	Hours 1	5	8	10	20
XE13	64.4	39.6	29.2	16.9	9.6	2.3	1.5	1.2	0.7
XE16	78.8	49.3	36.7	21.6	12.3	3.0	2.0	1.6	0.8
XE30	142.8	90.6	67.4	39.2	21.9	5.2	3.4	2.7	1.5
XE40	199.1	127.9	96.0	56.6	32.1	7.7	5.0	4.1	2.2
XE70	337.6	218.5	163.8	96.0	53.6	12.4	8.0	6.5	3.4
XE95	449.5	290.7	219.5	129.5	73.5	17.8	11.7	9.6	5.2
G13EP	70.8	43.6	32.2	18.6	10.4	2.5	1.6	1.3	0.7
G16EP	90.0	54.8	40.1	23.0	12.7	3.0	2.0	1.6	0.8
G26EP	143.4	90.7	67.4	39.0	21.7	5.0	3.2	2.6	1.4
G42EP	212.0	138.4	104.1	60.8	33.8	7.9	5.1	4.2	2.3
G70EP	342.4	228.5	173.4	102.5	57.4	13.4	8.7	7.1	3.9

Constant Power Discharge Performance

Constant power discharge rate, watts per battery to 10.02V at 25°C

Battery Type	Minutes 5	10	15	30	Hours 1	5	8	10	20
XE13	701.0	443.0	330.0	195.0	111.0	27.0	17.0	14.0	7.0
XE16	857.0	546.0	412.0	247.0	143.0	36.0	24.0	19.0	10.0
XE30	1565.0	1017.0	767.0	455.0	258.0	62.0	41.0	33.0	18.0
XE40	2155.0	1426.0	1085.0	652.0	376.0	93.0	60.0	49.0	26.0
XE70	3636.0	2411.0	1833.0	1091.0	615.0	142.0	90.0	73.0	37.0
XE95	4883.4	3241.8	2482.0	1494.0	861.6	212.4	139.8	114.0	61.2
G13EP	758.4	481.8	361.2	231.6	121.2	29.4	19.2	15.6	8.4
G16EP	975.6	609.6	453.6	264.6	190.2	36.0	23.4	19.2	10.2
G26EP	1532.0	995.0	751.0	444.0	251.0	59.0	38.0	31.0	16.0
G42EP	2291.0	1540.0	1173.0	698.0	394.0	94.0	62.0	51.0	28.0
G70EP	3680.0	2519.0	1940.0	1173.0	678.0	161.0	105.0	86.0	47.0

For extreme duty: X after EP denotes a metal jacket, eg. G42EPX

Charge Voltage

Cyclic use: 14.7V to 15.0V at 25°C No current limit
Float use: 13.5V to 13.8V at 25°C No current limit

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