

The Genesis EP thin plate pure lead battery excels in demanding environmental and cycling applications such as:

- Electronics
- Medical Equipment
- Telecommunications
- Lawn & Garden Equipment
- Computer Backup
- UPS



PURELEAD

RANGE SUMMARY

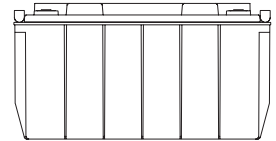
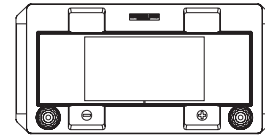
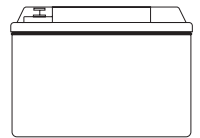
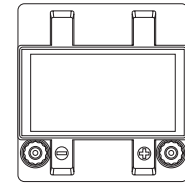
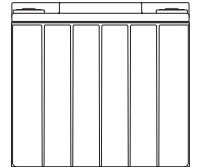
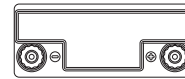
Specifications

Battery Design

- 12V pure lead-tin VRLA AGM battery
- UL 94V0 flame retardant case and cover optional
- M6 female no-maintenance terminals
- Can be installed in any orientation except inverted
- Rugged construction (optional metal jacket)
- Approved for shipping as non-hazardous, nonspillable

Performance Features

- -40°C to 80°C (-40°F to 176°F) with metal jacket
- 300+ full depth of discharge cycles
- High rate charge and discharge
- 2 year shelf life at 25°C (77°F)
- Superior deep discharge recovery
- UL listing - file No. MH12544



General Specifications

Type	Nominal Capacity (Ah)		Nominal Dimensions						Overall Weight		Torque		Internal Resistance (mΩ)	Typical Short Circuit Current (A)
	Nominal Voltage (V)	10 hr rate to 1.67Vpc @ 25°C/77°F	Length		Width		Height		kg	lbs	in-lbs	Nm		
G13EP	12	13	175.5	6.91	83.3	3.28	129.8	5.11	4.9	10.8	50	5.6	8.5	1400
G16EP	12	16	181.6	7.15	76.2	3.00	167.9	6.61	6.1	13.5	50	5.6	7.5	1600
G26EP	12	26	166.9	6.57	175.8	6.92	126.0	4.96	10.1	22.3	60	6.8	5.0	2400
G42EP	12	42	197.4	7.77	165.9	6.53	170.7	6.72	14.9	32.9	60	6.8	4.5	2600
G70EP	12	71	330.7	13.02	168.1	6.62	176.0	6.93	24.3	53.5	60	6.8	3.5	3500

Constant Current Discharge Performance

Constant current discharge rate, amps to 10.02V at 25°C (77°F)

Battery	Minutes				Hours					
	5	10	15	30	1	5	8	10	20	
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 (77°F)

Battery	Minutes				Hours					
	5	10	15	30	1	5	8	10	20	
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	

Charge Voltage

Cyclic use: 14.7V to 15.0V at 25°C (77°F) No current limit

Float use: 13.5V to 13.8V at 25°C (77°F) No current limit



EnerSys
P.O. Box 14145
Reading, PA 19612-4145
USA
Tel: +1-610-208-1991
+1-800-538-3627
Fax: +1-610-372-8613

EnerSys Asia
49, Yanshan Road
Shekou, Shenzhen
Guangdong 518066
China
Tel: +86-755-2689 3639
Fax: +86-755-2689 8013

EnerSys Limited
Rake Lane,
Clifton Junction,
Swinton, Manchester
M27 8LR, UK
Tel: +44 (0)161 794 4611
Fax: +44 (0)161 727 3809

Contact:

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