

Gelled Electrolyte Sealed Lead Acid 6 and 12V Batteries**Features**

- Completely maintenance free, sealed
- Gelled construction eliminates need for watering
- Electrolyte will not stratify – no equalisation charge required
- Increased durability and deep cycle ability for heavy duty applications
- Fully tank formed plates
- Gelled thixotropic electrolyte
- Spill and leak proof
- Valve regulated – max internal pressure 2.5psi
- Multi-position usage
- Multi-cell container
- UL94V0 case and cover. (ABS on request)
- Low self discharge
- CE and UL approvals

Terminal options

- Lead flag
- Automotive
- J type
- Copper flag
- J type adapter
- Insert

Insert terminals are made from brass with copper, nickel and silver plating giving excellent mechanical, electrical and corrosion resistant properties.

Charging characteristics

Floating – the optimum float voltage for a battery is temperature dependent. At 15 to 24°C, the recommended value is 2.27 to 2.30V. It is recommended that battery installation sites are temperature controlled, however float voltage can be increased or decreased to compensate for temperature variations. Adjustment is calculated at $\pm 3\text{mV}$ per degree C.

Operating temperature (°C)	Recommended applied float voltage (VPC)
0 to 9	2.33 to 2.35
10 to 14	2.30 to 2.33
15 to 19	2.27 to 2.30
20 to 24	2.27 to 2.30
25 to 29	2.25 to 2.27
30 to 34	2.23 to 2.25
35 to 40	2.21 to 2.23

**Specification**

Nominal voltage	6 and 12V
Design life	12 years
Operating temperature range	-20 to +50°C
Grid alloy	Calcium/Tin Lead Alloy
Plates	Flat pasted
Separator	Microporous Duroplastic
Active material	Very high purity lead
Case and cover	UL94V0 (ABS on request)
Charge voltage	Float 2.27 – 2.30VPC @ 25°C Cycling 2.35 @ 25°C Max. 2.4VPC. Max. ripple 0.05C (A)
Electrolyte	Sulphuric acid. Analytical grade purity
Venting valve	EPDM rubber 1.5 to 2psi (10.5 to 14KPa) release pressure. Resealing at 1psi (7KPa)
Terminal	Various types. Epoxy sealed by extended mechanical paths
Torque setting (recommended)	5 to 7Nm
Cables	Insulated cables/connectors available on request

Gelled electrolyte vs absorbent glass mat (AGM) batteries

Features

Each battery has its advantages and disadvantages so it is important to choose the correct battery for each application. Advantage of gel batteries include:

- Full recovery from deep discharge even when battery is not recharged immediately
- Ideal for repeat cycling e.g. daily use
- Excellent performance over long discharges
- Good tolerance in higher temperature applications
- Suitable where mains power is unstable
- Zero stratification due to immobilised electrolyte
- No equalisation charge necessary
- Reduced self-discharge
- Limiting design protects positive plates to greatly improve cycle life
- Thicker plates for reduced grid corrosion and increased cycle life
- Improved charge acceptance due to low internal resistance
- High resistance to water loss with the right charging set up
- Ultra stable polymer separator with glass mat for increased performance
- High resistance to shorting due to superior mechanical strength of the polymer separator
- Increased tolerance to poor charging parameters
- Can be discharged even when full recharge has not been achieved without loss of battery capacity

Applications

- Cycling/float service
- Residential
- Telecommunications
- Refrigeration
- Photovoltaic
- Solar and wind power
- Engine starting
- Wheelchair
- Electric vehicle
- Floor cleaning machines
- Water pumping
- Golf caddy
- Portable medical equipment
- Cathodic protection
- Boats and general marine
- Navigation aids
- Many other deep cycle applications



Capacity temperature correction factor to be applied to data at 20°C

Discharge time/temp	0°C	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C
5 to 59 minutes	0.8	0.86	0.91	0.96	1.0	1.037	1.063	1.085	1.1
1 to 100 hours	0.86	0.9	0.93	0.97	1.0	1.028	1.05	1.063	1.07

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Gelled Electrolyte Sealed Lead Acid 6 and 12V Batteries

Battery Model	Time in Minutes - Amps to 1.80 VPC						
	5	10	15	30	45	60	90
BEG060075	17.9	13.3	10.0	6.8	4.9	3.9	3.1
BEG060100	25.2	18.8	14.2	9.6	7.1	5.8	4.4
BEG060120	30.1	22.5	17.0	11.6	8.5	7.0	5.6
BEG120075	17.4	13.0	9.7	6.6	4.7	3.9	3.1
BEG120120	30.2	22.4	16.9	11.5	8.4	6.9	5.5
BEG120180	41.7	34.5	28.7	16.8	12.0	10.6	7.3
BEG120260	53.5	40.5	33.2	22.2	16.2	13.6	10.7
BEG120330	67.7	52.0	41.8	28.5	20.9	17.8	13.8
BEG120440	89.0	68.0	54.8	35.6	26.9	22.5	18.0
BEG120550	117	89.5	71.9	49.1	36.1	29.8	20.8
BEG120700J	149	114	91.5	59.3	44.7	37.1	27.9
BEG120700	147	113	91.1	58.9	44.3	36.7	27.7
BEG120800	166	126	102	66.3	49.7	42.1	31.1
BEG120900	192	147	116	76.5	56.7	47.5	35.5
BEG121000	212	163	131	84.1	63.6	53.0	39.8
BEG121100	233	178	144	94.9	70.1	59.9	44.6
BEG121200	282	237	193	121	95.1	74.6	47.2
BEG121350	317	270	225	148	122.7	100.4	68.5
BEG121500	353	284	233	151	124.5	103.1	73.1
BEG121600	423	322	251	159	130	110.2	76.8
BEG122000	511	379	290	180	149	129	97.8
BEG122300	556	416	316	193	162	138	106
BEG061100	279	205	156	93.7	71.3	58.1	43.7
BEG061600	466	355	276	175	143	121	84.4
BEG062000	511	379	290	180	149	129	97.8

Battery Model	Time in Minutes - Amps to 1.75 VPC						
	5	10	15	30	45	60	90
BEG060075	18.3	13.7	11.2	7.0	5.2	4.3	3.5
BEG060100	26.0	19.5	15.5	12.9	7.1	6.0	4.6
BEG060120	31.6	23.6	18.7	11.7	8.8	7.3	5.6
BEG120075	18.3	13.7	11.2	7.0	5.2	4.3	3.5
BEG120120	31.6	23.6	18.7	11.7	8.8	7.3	5.6
BEG120180	43.6	36.3	30.5	17.9	12.8	11.2	7.7
BEG120260	54.2	41.7	34.4	23.2	16.7	14.1	11.4
BEG120330	78.6	58.3	45.1	28.1	21.7	17.9	13.5
BEG120440	103	76.9	59.0	37.1	28.2	23.9	17.4
BEG120550	135	100.1	77.5	48.5	36.7	30.3	22.5
BEG120700J	172	128	98.4	61.1	46.2	38.6	29.1
BEG120700	169	126	96.6	60.4	46.0	38.4	28.8
BEG120800	191	143	110	68.6	51.5	42.7	32.3
BEG120900	221	163	126	78.4	59.6	49.6	36.4
BEG121000	246	183	141	86.6	65.3	54.3	40.5
BEG121100	270	201	155	96.7	72.2	59.9	47.4
BEG121200	295	248	205	129	100.6	79.8	49.4
BEG121350	332	284	239	159	129.7	107.4	71.6
BEG121500	368	298	248	162	131.6	110.2	76.4
BEG121600	442	339	267	170	137	117.8	80.2
BEG122000	534	399	308	193	157	138	102.2
BEG122300	581	437	336	207	171	147	110.8
BEG061100	292	216	166	100	75.4	62.1	45.6
BEG061600	487	372	293	187	151	129.6	88.2
BEG062000	534	399	308	193	157	138	102.2

Battery Model	Time in Minutes - Amps to 1.67 VPC					
	5	10	15	30	45	60
BEG060075	21.2	15.2	11.6	7.0	5.2	4.4
BEG060100	30.5	21.8	16.7	12.7	10.7	10.0
BEG060120	36.5	26.0	19.8	15.3	13.2	12.0
BEG120075	21.2	15.2	11.6	7.0	5.2	4.4
BEG120120	36.5	26.0	19.8	15.3	13.2	12.0
BEG120180	49.5	39.6	32.3	18.8	13.4	12.0
BEG120260	61.6	45.5	36.5	24.4	17.5	15.1
BEG120330	84.9	65.3	48.9	29.1	21.5	18.1
BEG120440	112	83.7	62.7	37.7	29.0	24.7
BEG120550	146	109	81.4	48.9	37.5	30.9
BEG120700J	186	139	105	62.4	47.4	39.3
BEG120700	182	137	103	61.7	47.0	39.0
BEG120800	207	156	117	69.9	52.3	43.0
BEG120900	239	178	133	80.3	59.3	50.5
BEG121000	266	198	148	89.3	66.0	55.3
BEG121100	293	219	164	98.6	72.7	60.7
BEG121200	335	271	217	136	105.3	84.6
BEG121350	377	310	254	167	135.8	113.8
BEG121500	419	326	263	170	137.8	116.8
BEG121600	502	370	283	179	144	124.9
BEG122000	607	435	327	203	164	146
BEG122300	660	477	356	218	179	156
BEG061100	332	236	176	106	78.9	65.9
BEG061600	553	407	311	197	158	137.4
BEG062000	607	435	327	203	164	146

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Because we operate a constant improvement policy, our products are subject to change without notice.

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FM28614
 BS EN ISO 9002:
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Gelled Electrolyte Sealed Lead Acid 6 and 12V Batteries

Time in Hours - Amps to 1.85 VPC								
Battery Model	2	3	4	5	8	10	12	20
BEG060075	2.4	1.6	1.3	1.0	0.67	0.55	0.48	0.36
BEG060100	3.2	2.2	1.8	1.5	1.0	0.82	0.70	0.50
BEG060120	4.2	2.9	2.2	1.8	1.2	1.0	0.90	0.63
BEG120075	2.4	1.6	1.3	1.0	0.67	0.55	0.48	0.36
BEG120120	4.2	2.9	2.2	1.8	1.2	1.0	0.90	0.61
BEG120180	5.5	4.0	3.1	2.6	1.7	1.4	1.2	0.83
BEG120260	8.0	5.9	4.6	3.9	2.6	2.1	1.8	1.2
BEG120330	9.9	7.0	5.6	4.8	3.3	2.8	2.4	1.6
BEG120440	12.8	9.2	7.3	6.1	4.2	3.5	3.0	2.0
BEG120550	16.6	12.1	9.5	7.9	5.4	4.4	3.8	2.6
BEG120700J	21.1	15.3	12.3	10.2	6.9	5.7	4.9	3.2
BEG120700	20.6	15.0	11.9	9.8	6.7	5.5	4.8	3.2
BEG120800	23.6	17.1	13.5	11.4	7.8	6.4	5.5	3.7
BEG120900	26.9	19.4	15.4	12.9	8.9	7.3	6.3	4.2
BEG121000	30.2	21.7	17.2	14.4	9.9	8.2	7.1	4.6
BEG121100	33.2	24.0	19.0	15.8	10.9	9.0	7.7	5.1
BEG121200	36.3	26.1	20.9	17.6	12.1	10.0	8.6	5.6
BEG121350	48.0	31.4	23.9	19.9	13.4	11.1	9.5	6.2
BEG121500	51.8	32.9	26.2	21.9	14.9	12.4	10.5	7.0
BEG121600	55.9	37.7	29.9	24.9	17.1	14.1	12.0	7.7
BEG122000	68.6	43.5	34.5	28.9	20.0	16.6	14.2	9.3
BEG122300	76.8	50.5	40.1	33.7	23.3	19.4	16.5	10.7
BEG061100	33.5	24.2	19.2	16.0	11.0	9.1	7.8	5.2
BEG061600	55.9	37.7	29.9	24.9	17.1	14.1	12.0	7.7
BEG062000	60.4	43.5	34.5	28.9	20.0	16.6	14.2	9.3

Time in Hours - Ah to 1.85 VPC								
Battery Model	2	3	4	5	8	10	12	20
BEG060075	4.8	4.9	5.0	5.2	5.4	5.5	5.8	7.2
BEG060100	6.4	6.6	7.0	7.3	7.8	8.2	8.4	10.0
BEG060120	8.4	8.6	8.8	9.0	9.6	10.2	10.8	12.6
BEG120075	4.8	4.9	5.0	5.2	5.4	5.5	5.8	7.2
BEG120120	8.4	8.6	8.8	9.0	9.6	10.2	10.8	12.2
BEG120180	11.1	12.0	12.4	13.1	13.8	14.4	14.4	16.5
BEG120260	15.9	17.6	18.4	19.4	20.9	21.4	21.8	24.4
BEG120330	19.8	21.1	22.5	23.8	26.7	27.6	28.8	32.0
BEG120440	25.5	27.6	29.0	30.7	33.6	34.9	35.9	39.0
BEG120550	33.2	36.4	38.1	39.6	42.8	44.3	45.5	51.0
BEG120700J	42.2	46.0	49.0	51.0	55.4	57.3	58.8	64.4
BEG120700	41.3	45.1	47.5	49.2	53.2	55.3	57.0	63.2
BEG120800	47.2	51.2	54.1	56.9	62.4	64.0	66.0	73.2
BEG120900	53.8	58.2	61.5	64.5	71.0	73.2	75.4	83.0
BEG121000	60.4	65.2	69.0	72.2	79.5	82.3	84.7	92.0
BEG121100	66.4	71.9	75.9	79.2	87.2	90.0	92.4	102.5
BEG121200	72.6	78.3	83.5	87.9	97.0	100	103	112
BEG121350	96.0	94.3	95.6	100	107	111	114	123
BEG121500	103.68	99	105	109	119	124	126	139
BEG121600	112	113	120	125	137	141	144	154
BEG122000	137	130	138	145	160	166	170	186
BEG122300	154	152	161	168	186	194	198	215
BEG061100	67.1	72.6	76.7	80.0	88.1	90.9	93.3	103.5
BEG061600	112	113	120	125	137	141	144	154
BEG062000	121	130	138	145	160	166	170	186

Time in Hours - Amps to 1.80 VPC								
Battery Model	2	3	4	5	8	10	12	20
BEG060075	2.6	1.8	1.4	1.1	0.7	0.60	0.54	0.38
BEG060100	3.4	2.4	1.9	1.5	1.0	0.84	0.73	0.50
BEG060120	4.2	3.0	2.3	1.9	1.3	1.1	1.0	0.65
BEG120075	2.6	1.8	1.4	1.1	0.7	0.6	0.54	0.38
BEG120120	4.2	3.0	2.3	1.9	1.3	1.1	1.0	0.65
BEG120180	5.8	4.2	3.2	2.7	1.8	1.5	1.2	0.9
BEG120260	8.3	6.1	4.8	4.0	2.7	2.2	1.9	1.3
BEG120330	10.3	7.3	5.9	4.9	3.5	2.8	2.5	1.6
BEG120440	13.3	9.6	7.6	6.4	4.4	3.6	3.1	2.0
BEG120550	17.4	12.7	9.9	8.2	5.6	4.6	3.9	2.7
BEG120700J	22.1	16.0	12.8	10.6	7.2	6.0	5.1	3.3
BEG120700	21.6	15.7	12.4	10.2	6.9	5.8	4.9	3.3
BEG120800	24.7	17.8	14.1	11.8	8.1	6.7	5.7	3.8
BEG120900	28.1	20.3	16.0	13.4	9.2	7.6	6.5	4.3
BEG121000	31.6	22.7	18.0	15.0	10.3	8.6	7.3	4.8
BEG121100	34.7	25.0	19.8	16.5	11.3	9.4	8.0	5.3
BEG121200	37.9	27.3	21.8	18.3	12.6	10.4	8.9	5.8
BEG121350	50.2	32.8	24.9	20.7	14.0	11.5	9.9	6.4
BEG121500	54.2	34.4	27.3	22.7	15.5	12.9	10.9	7.2
BEG121600	58.4	39.4	31.2	25.9	17.8	14.7	12.5	8.0
BEG122000	71.7	45.4	36.0	30.1	20.7	17.3	14.8	9.7
BEG122300	80.3	52.8	41.8	35.0	24.2	20.2	17.2	11.2
BEG061100	35.1	25.3	20.0	16.6	11.4	9.5	8.1	5.4
BEG061600	58.4	39.4	31.2	25.9	17.8	14.7	12.5	8.0
BEG062000	63.1	45.4	36.0	30.1	20.7	17.3	14.8	9.7

Time in Hours - Ah to 1.80 VPC								
Battery Model	2	3	4	5	8	10	12	20
BEG060075	5.2	5.4	5.4	5.5	5.8	6.0	6.5	7.6
BEG060100	6.8	7.2	7.5	7.7	8.0	8.4	8.8	10.0
BEG060120	8.4	9.0	9.2	9.5	10.4	11.0	11.6	13.0
BEG120075	5.2	5.4	5.6	5.5	5.8	6.0	6.5	7.6
BEG120120	8.4	9.0	9.2	9.5	10.4	11.0	11.6	13.0
BEG120180	11.6	12.6	13.0	13.6	14.4	14.9	14.9	17.0
BEG120260	16.6	18.4	19.2	20.1	21.6	22.1	22.4	25.1
BEG120330	20.7	22.0	23.5	24.7	27.7	28.5	29.7	32.8
BEG120440	26.7	28.9	30.2	31.9	34.9	36.3	37.3	40.6
BEG120550	34.7	38.0	39.8	41.2	44.5	46.1	47.3	53.0
BEG120700J	44.1	48.0	51.1	53.0	57.6	59.6	61.2	67.0
BEG120700	43.1	47.1	49.6	51.2	55.3	57.5	59.3	65.7
BEG120800	49.4	53.5	56.4	59.2	64.9	66.6	68.6	76.1
BEG120900	56.2	60.8	64.2	67.1	73.8	76.1	78.4	86.3
BEG121000	63.1	68.1	71.9	75.1	82.7	85.6	88.1	95.7
BEG121100	69.4	75.1	79.2	82.4	90.7	93.6	96.1	107
BEG121200	75.8	81.8	87.0	91.4	101	104	107	116
BEG121350	100.3	98.5	100	104	112	115	119	128
BEG121500	108.3	103	109	114	124	129	131	145
BEG121600	117	118	125	130	142	147	150	160
BEG122000	143	136	144	150	166	173	177	193
BEG122300	161	158	167	175	194	202	206	223
BEG061100	70.1	75.9	79.9	83.2	91.6	94.5	97.1	108
BEG061600	117	118	125	130	142	147	150	160
BEG062000	126	136	144	150	166	173	177	193

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Battery Model	Time in Hours - Amps to 1.75 VPC							
	2	3	4	5	8	10	12	20
BEG060075	2.7	1.8	1.4	1.1	0.7	0.62	0.55	0.39
BEG060100	3.5	2.5	1.9	1.6	1.0	0.86	0.75	0.51
BEG060120	4.3	3.1	2.4	1.9	1.3	1.1	1.0	0.66
BEG120075	2.7	1.8	1.4	1.1	0.7	0.62	0.55	0.39
BEG120120	4.3	3.1	2.4	1.9	1.3	1.1	1.0	0.66
BEG120180	6.0	4.3	3.3	2.8	1.8	1.5	1.3	0.9
BEG120260	8.6	6.3	5.0	4.1	2.8	2.3	1.9	1.3
BEG120330	10.7	7.6	6.1	5.1	3.5	2.9	2.5	1.7
BEG120440	13.8	10.0	7.8	6.6	4.5	3.7	3.2	2.1
BEG120550	18.0	13.1	10.3	8.5	5.7	4.7	4.1	2.7
BEG120700J	22.8	16.6	13.2	10.9	7.4	6.1	5.2	3.4
BEG120700	22.3	16.3	12.8	10.5	7.1	5.9	5.1	3.4
BEG120800	25.5	18.5	14.6	12.2	8.4	6.9	5.9	3.9
BEG120900	29.1	21.0	16.6	13.8	9.5	7.8	6.7	4.4
BEG121000	32.7	23.5	18.6	15.5	10.6	8.8	7.6	4.9
BEG121100	35.9	25.9	20.4	17.0	11.7	9.6	8.2	5.5
BEG121200	39.2	28.2	22.5	18.8	13.0	10.8	9.2	6.0
BEG121350	51.9	34.0	25.7	21.4	14.4	11.9	10.2	6.6
BEG121500	56.1	35.6	28.2	23.4	16.0	13.3	11.2	7.4
BEG121600	60.4	40.8	32.2	26.7	18.3	15.1	12.9	8.2
BEG122000	74.2	47.0	37.1	31.0	21.4	17.8	15.2	10.0
BEG122300	83.1	54.7	43.2	36.1	25.0	20.8	17.7	11.5
BEG061100	36.3	26.2	20.6	17.1	11.8	9.7	8.3	5.5
BEG061600	60.4	40.8	32.2	26.7	18.3	15.1	12.9	8.2
BEG062000	65.3	47.0	37.1	31.0	21.4	17.8	15.2	10.0

Battery Model	Time in Hours - Ah to 1.75 VPC							
	2	3	4	5	8	10	12	20
BEG060075	5.3	5.5	5.6	5.6	6.0	6.2	6.6	7.7
BEG060100	7.0	7.4	7.7	7.9	8.2	8.6	9.0	10.1
BEG060120	8.6	9.2	9.4	9.7	10.7	11.3	11.9	13.1
BEG120075	5.3	5.5	5.7	5.6	6.0	6.2	6.6	7.7
BEG120120	8.6	9.2	9.4	9.7	10.7	11.3	11.9	13.1
BEG120180	12.0	13.0	13.4	14.0	14.7	15.3	15.2	17.3
BEG120260	17.2	19.0	19.8	20.7	22.2	22.6	22.9	25.4
BEG120330	21.4	22.8	24.3	25.5	28.3	29.1	30.3	33.3
BEG120440	27.6	29.9	31.2	32.9	36.0	37.4	38.4	41.8
BEG120550	35.9	39.3	41.1	42.4	45.8	47.5	48.7	54.6
BEG120700J	45.7	49.7	52.7	54.6	59.3	61.4	63.0	69.0
BEG120700	44.6	48.8	51.2	52.7	57.0	59.2	61.1	67.7
BEG120800	51.1	55.4	58.2	61.0	66.8	68.6	70.7	78.4
BEG120900	58.2	62.9	66.2	69.1	76.0	78.4	80.7	88.9
BEG121000	65.3	70.5	74.3	77.3	85.2	88.2	90.8	99
BEG121100	71.9	77.7	81.7	84.9	93.4	96.4	99	110
BEG121200	78.5	84.7	89.9	94.1	104	108	111	120
BEG121350	103.8	102	103	107	115	119	122	132
BEG121500	112	107	113	117	128	133	135	149
BEG121600	121	122	129	134	147	151	154	165
BEG122000	148	141	149	155	171	178	183	199
BEG122300	166	164	173	180	200	208	213	230
BEG061100	72.6	78.5	82.5	85.7	94.3	97.4	100	111
BEG061600	121	122	129	134	147	151	154	165
BEG062000	131	141	149	155	171	178	183	199

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PRODUCTSFM28614
BS EN ISO 9002:
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Gelled Electrolyte Sealed Lead Acid 6 and 12V Batteries

Time in Minutes - Watts per cell to 1.80 VPC							
Battery Model	5	10	15	30	45	60	90
BEG060075	32.2	23.9	18.0	12.2	8.8	7.0	5.6
BEG060100	45.4	33.8	25.6	17.3	12.8	10.4	7.9
BEG060120	54.2	40.5	30.6	20.9	15.3	12.6	10.1
BEG120075	31.3	23.4	17.5	11.9	8.5	7.0	5.6
BEG120120	54.4	40.3	30.4	20.7	15.1	12.4	9.9
BEG120180	75.1	62.8	52.5	31.2	23.0	20.3	14.0
BEG120260	96.2	73.8	60.8	41.3	30.9	26.0	20.5
BEG120330	122	94.6	76.4	52.9	39.9	34.0	26.6
BEG120440	160	124	100	66.3	51.3	43.1	34.5
BEG120550	210	163	131	91.3	68.9	57.1	40.0
BEG120700J	268	207	168	110	85.3	71.0	53.5
BEG120700	264	205	167	109	84.6	70.2	53.2
BEG120800	298	230	187	123	95.0	80.6	59.8
BEG120900	346	267	213	142	108	91.1	68.1
BEG121000	381	296	239	156	122	102	76.5
BEG121100	420	325	263	176	134	115	85.6
BEG121200	507	430	353	224	182	143	90.7
BEG121350	571	492	411	276	234	192	132
BEG121500	635	517	427	281	238	197	140
BEG121600	762	587	459	295	248	211	147
BEG122000	920	691	530	336	284	247	188
BEG122300	1001	757	578	360	309	264	204
BEG061100	503	374	285	174	136	111	84
BEG061600	838	645	505	325	273	232	162
BEG062000	920	691	530	336	284	247	188

Time in Minutes - Watts per cell to 1.75 VPC							
Battery Model	5	10	15	30	45	60	90
BEG060075	32.8	24.7	20.3	13.0	9.8	8.2	6.7
BEG060100	46.5	35.1	28.1	23.9	13.4	11.5	8.8
BEG060120	56.6	42.5	33.8	21.6	16.6	13.9	10.7
BEG120075	32.8	24.7	20.3	13.0	9.8	8.2	6.7
BEG120120	56.6	42.5	33.8	21.6	16.6	13.9	10.7
BEG120180	78.0	65.3	55.2	33.0	24.2	21.5	14.8
BEG120260	97.0	75.0	62.3	42.9	31.6	26.9	21.8
BEG120330	141	105	81.6	52.0	41.0	34.1	25.8
BEG120440	185	138	107	68.6	53.3	45.7	33.3
BEG120550	242	180	140	89.6	69.3	57.9	43.2
BEG120700J	307	231	178	113	87.2	73.7	55.8
BEG120700	303	228	175	112	86.9	73.3	55.2
BEG120800	343	257	200	127	97.4	81.5	61.8
BEG120900	395	293	227	145	113	94.7	69.7
BEG121000	440	329	255	160	123	104	77.5
BEG121100	483	362	280	179	136	114	90.7
BEG121200	527	447	371	239	190	152	94.6
BEG121350	593	511	433	294	245	205	137
BEG121500	660	537	450	299	249	210	146
BEG121600	792	609	483	315	259	225	154
BEG122000	956	717	558	358	297	263	196
BEG122300	1040	786	608	384	323	281	212
BEG061100	523	388	300	186	142	119	87
BEG061600	871	670	531	346.33665	285	247	169
BEG062000	956	717	558	357.864	297	263	196

Time in Minutes - Watts per cell to 1.67 VPC						
Battery Model	5	10	15	30	45	60
BEG060075	37.8	27.1	20.7	12.5	9.3	7.8
BEG060100	54.4	38.8	29.8	22.6	19.1	17.8
BEG060120	65.0	46.3	35.3	27.3	23.5	21.4
BEG120075	37.8	27.1	20.7	12.5	9.3	7.8
BEG120120	65.0	46.3	35.3	27.3	23.5	21.4
BEG120180	88.2	71.1	58.4	34.5	24.8	22.8
BEG120260	110	81.7	65.9	44.8	32.4	28.7
BEG120330	151	117	88.4	53.5	39.8	34.3
BEG120440	200	150	113	69.2	53.6	46.9
BEG120550	260	196	147	89.9	69.4	58.7
BEG120700J	331	250	189	115	87.7	74.7
BEG120700	325	245	186	113	87.0	74.2
BEG120800	370	279	211	129	96.7	81.8
BEG120900	425	320	241	148	110	96.0
BEG121000	474	356	268	164	122	105
BEG121100	522	394	296	181	134	115
BEG121200	596	487	393	250	195	161
BEG121350	671	557	458	307	251	216
BEG121500	746	585	476	313	255	222
BEG121600	895	664	511	329	266	237
BEG122000	1081	781	590	374	304	277
BEG122300	1176	856	643	401	332	297
BEG061100	591	423	317	194	146	125
BEG061600	985	730	562	362	293	261
BEG062000	1081	781	590	374	304	277

Time in Hours Watts per cell to 1.75 VPC								
Battery Model	2	3	4	5	8	10	12	20
BEG060075	5.1	3.6	2.7	2.2	1.5	1.2	1.1	0.8
BEG060100	6.7	4.7	3.7	3.1	2.0	1.7	1.5	1.0
BEG060120	8.3	5.9	4.6	3.8	2.6	2.2	2.0	1.3
BEG120075	5.1	3.6	2.8	2.2	1.5	1.2	1.1	0.8
BEG120120	8.3	5.9	4.6	3.8	2.6	2.2	2.0	1.3
BEG120180	11.5	8.4	6.5	5.5	3.6	3.0	2.5	1.7
BEG120260	16.5	12.2	9.6	8.1	5.4	4.4	3.8	2.5
BEG120330	20.5	14.7	11.8	9.9	6.9	5.7	5.0	3.3
BEG120440	26.5	19.2	15.1	12.8	8.8	7.3	6.3	4.1
BEG120550	34.5	25.3	19.9	16.5	11.2	9.3	8.0	5.4
BEG120700J	43.9	32.0	25.6	21.3	14.5	12.1	10.3	6.8
BEG120700	42.9	31.4	24.8	20.6	14.0	11.6	10.0	6.7
BEG120800	49.0	35.6	28.2	23.8	16.4	13.5	11.6	7.8
BEG120900	55.9	40.5	32.1	27.0	18.6	15.4	13.3	8.8
BEG121000	62.7	45.4	36.0	30.2	20.9	17.3	14.9	9.7
BEG121100	69.0	50.0	39.6	33.1	22.9	18.9	16.2	10.9
BEG121200	75.4	54.5	43.6	36.7	25.4	21.1	18.1	11.9
BEG121350	99.7	65.6	49.9	41.7	28.2	23.3	20.0	13.1
BEG121500	107.7	68.7	54.7	45.7	31.3	26.1	22.1	14.7
BEG121600	116	78.8	62.4	52.1	35.9	29.7	25.3	16.3
BEG122000	143	90.7	72.0	60.4	41.9	34.9	30.0	19.7
BEG122300	159	105	83.8	70.4	48.9	40.8	34.9	22.7
BEG061100	69.7	50.5	40.0	33.4	23.1	19.1	16.4	11.0
BEG061600	116	78.8	62.4	52.1	35.9	29.7	25.3	16.3
BEG062000	125	90.7	72.0	60.4	41.9	34.9	30.0	19.7

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Gelled Electrolyte Sealed Lead Acid 6 and 12V Batteries

Battery Model	Time in Hours Watts per cell to 1.85 VPC							
	2	3	4	5	8	10	12	20
BEG060075	4.6	3.2	2.5	2.0	1.3	1.1	1.0	0.7
BEG060100	6.2	4.3	3.4	2.9	1.9	1.6	1.4	1.0
BEG060120	8.1	5.6	4.3	3.5	2.4	2.0	1.8	1.3
BEG120075	4.6	3.2	2.5	2.0	1.3	1.1	1.0	0.7
BEG120120	8.1	5.6	4.3	3.5	2.4	2.0	1.8	1.2
BEG120180	10.7	7.8	6.1	5.1	3.4	2.9	2.4	1.7
BEG120260	15.4	11.4	9.0	7.6	5.2	4.3	3.6	2.4
BEG120330	19.1	13.7	11.1	9.4	6.6	5.5	4.8	3.2
BEG120440	24.7	18.0	14.2	12.1	8.3	7.0	6.0	3.9
BEG120550	32.1	23.6	18.7	15.6	10.6	8.8	7.6	5.1
BEG120700J	40.8	29.9	24.0	20.1	13.8	11.4	9.8	6.5
BEG120700	39.9	29.3	23.3	19.4	13.2	11.0	9.5	6.3
BEG120800	45.6	33.3	26.5	22.4	15.5	12.8	11.0	7.3
BEG120900	52.0	37.8	30.2	25.4	17.6	14.6	12.6	8.3
BEG121000	58.4	42.3	33.8	28.4	19.8	16.4	14.1	9.2
BEG121100	64.2	46.7	37.2	31.2	21.7	17.9	15.4	10.3
BEG121200	70.1	50.9	41.0	34.6	24.1	20.0	17.2	11.2
BEG121350	92.8	61.3	46.9	39.3	26.7	22.1	19.0	12.4
BEG121500	100.2	64.1	51.4	43.1	29.6	24.7	20.9	13.9
BEG121600	108	73.5	58.6	49.1	34.0	28.1	24.0	15.4
BEG122000	133	84.7	67.7	56.9	39.6	33.1	28.4	18.6
BEG122300	148	98.5	78.7	66.4	46.3	38.6	33.1	21.5
BEG061100	64.8	47.2	37.6	31.5	21.9	18.1	15.5	10.4
BEG061600	108	73.5	58.6	49.1	34.0	28.1	24.0	15.4
BEG062000	117	84.7	67.7	56.9	39.6	33.1	28.4	18.6

Battery Model	Time in Hours Watts per cell to 1.80 VPC							
	2	3	4	5	8	10	12	20
BEG060075	5.0	3.5	2.7	2.2	1.5	1.2	1.1	0.8
BEG060100	6.6	4.7	3.7	3.0	2.0	1.7	1.5	1.0
BEG060120	8.1	5.8	4.5	3.7	2.6	2.2	1.9	1.3
BEG120075	5.0	3.5	2.7	2.2	1.5	1.2	1.1	0.8
BEG120120	8.1	5.8	4.5	3.7	2.6	2.2	1.9	1.3
BEG120180	11.1	8.1	6.3	5.3	3.6	2.9	2.5	1.7
BEG120260	16.0	11.9	9.4	7.9	5.3	4.4	3.7	2.5
BEG120330	19.9	14.2	11.5	9.7	6.8	5.6	4.9	3.3
BEG120440	25.7	18.7	14.7	12.5	8.6	7.2	6.2	4.0
BEG120550	33.4	24.5	19.4	16.1	11.0	9.1	7.8	5.3
BEG120700J	42.4	31.0	24.9	20.8	14.2	11.8	10.1	6.7
BEG120700	41.5	30.4	24.2	20.0	13.7	11.3	9.8	6.6
BEG120800	47.5	34.6	27.5	23.2	16.0	13.1	11.4	7.6
BEG120900	54.1	39.3	31.3	26.3	18.2	15.0	13.0	8.6
BEG121000	60.7	44.0	35.1	29.4	20.4	16.9	14.6	9.5
BEG121100	66.7	48.5	38.6	32.3	22.4	18.5	15.9	10.6
BEG121200	72.9	52.8	42.4	35.8	24.9	20.6	17.8	11.6
BEG121350	96.5	63.6	48.6	40.6	27.6	22.7	19.7	12.8
BEG121500	104.2	66.6	53.2	44.5	30.6	25.4	21.7	14.4
BEG121600	112	76.4	60.8	50.8	35.2	28.9	24.8	16.0
BEG122000	138	88.0	70.1	58.9	41.0	34.0	29.4	19.3
BEG122300	154	102.3	81.6	68.6	47.9	39.7	34.2	22.3
BEG061100	67.4	49.0	39.0	32.6	22.6	18.6	16.1	10.7
BEG061600	112	76.4	60.8	50.8	35.2	28.9	24.8	16.0
BEG062000	121	88.0	70.1	58.9	41.0	34.0	29.4	19.3

Battery Model	Qty Per Box	Dimensions (mm) & weight (Kg)				Terminal Details	Internal Resistance mOhms	Maximum Charge Current	CCA at 0°C	Short Circuit Amps
		Length	Width	Height	Weight					
BEG060075	10	150	34	96 (101)	1.3	B-T1	13	1.5	NA	275
BEG060100	10	151	50	97 (101)	1.9	B-T1	10	2	NA	325
BEG060120	10	151	50	98 (101)	2.0	B-T2	10	2.4	NA	500
BEG120075	8	151	65	99 (101)	2.5	D-T1	28	1.5	NA	275
BEG120120	4	150	97	100 (101)	4.0	D-T2	20	2.4	NA	500
BEG120180	2	181	76	167	5.9	C - M5	12	4.5	270	700
BEG120260	1	166	176	126	8.8	C - M5	9.5	6.5	300	900
BEG120330	1	195	130	160	10.9	B - M6	8.5	8	320	1100
BEG120440	1	197	165	170	14.0	C - M6	7.5	11	350	1400
BEG120550	1	228	137	207	17.5	B - M6	6.5	14	380	1700
BEG120700J	1	350	167	179	22.1	Flag 1/4" C - M6	5	18	550	2100
BEG120700	1	259	168	208	21.5	B - M6	5	18	550	2100
BEG120800	1	259	168	208	23.3	B - M6	5	20	620	2400
BEG120900	1	305	168	208	27	B - M6	4	22	680	2650
BEG121000	1	305	168	208	28.4	B - M6	5	25	780	2900
BEG121100	1	332	174	213	32.2	B - M6	4	27	960	3000
BEG121200	1	408	176	227	35.4	B - M6	3	30	1020	3300
BEG121350	1	340	173	280	39.8	C - M6	2.5	35	1160	3750
BEG121500	1	482	170	242	44.3	B - M6	2	38	1300	4200
BEG121600	1	530	209	214	57.4	E - M6	2	40	1440	4700
BEG122000	1	520	240	220	66.0	E - M8	<2	50	1670	5400
BEG122300	1	521	269	203	71.0	E - M8	<2	57	1870	5900
BEG061100	1	193	168	205	16.0	A - M6	4	27	1010	3200
BEG061600	1	298	171	226	26.0	A - M6	2	40	1290	4600
BEG062000	1	318	170	225	31.0	A - M8	<2	50	1600	5000

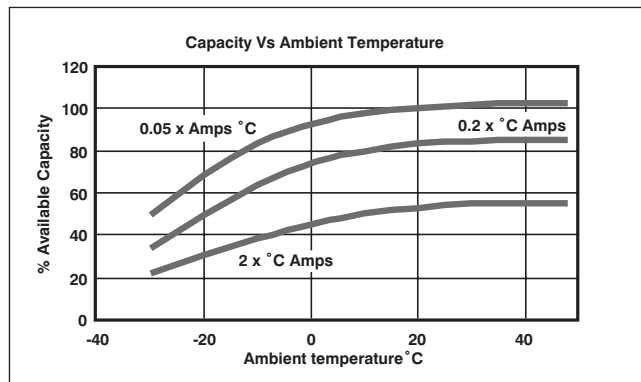
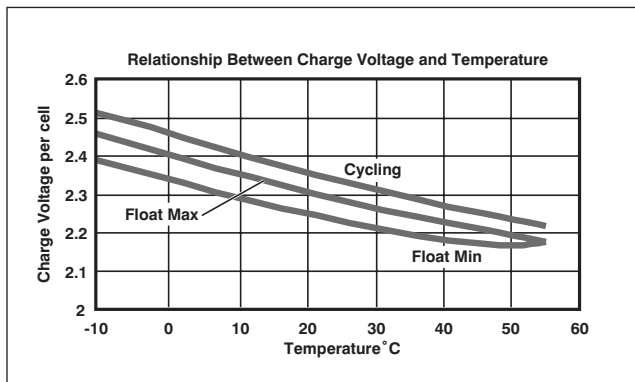
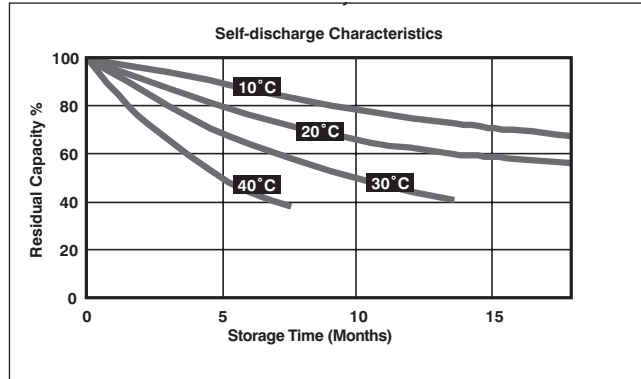
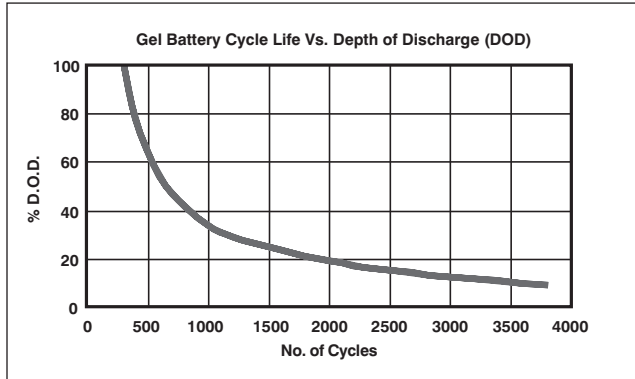
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SWITCHES

INTERFACE
MODULES &
SUPPORTS

ENCLOSURES

IC & PLCC
SOCKETS

RELAY
BASES

CONTROL
PRODUCTS