

PRODUCT DETAILS

Model : R105
 Voltage : 6V
 Battery : Deep Cycle Flooded Lead Acid Battery
 Material : Polypropylene Plastic





PHYSICAL SPECIFICATIONS

| BCI Size | Voltage | Dimension (mm) | | | | Electrolyte Quantity (L) | Weight (kg) |
|----------|---------|----------------|-------|--------|--------------|--------------------------|-------------|
| | | Length | Width | Height | Total Height | | |
| GC2 | 6V | 259 | 179 | 245 | 278 | 5.7 | 28.2 |

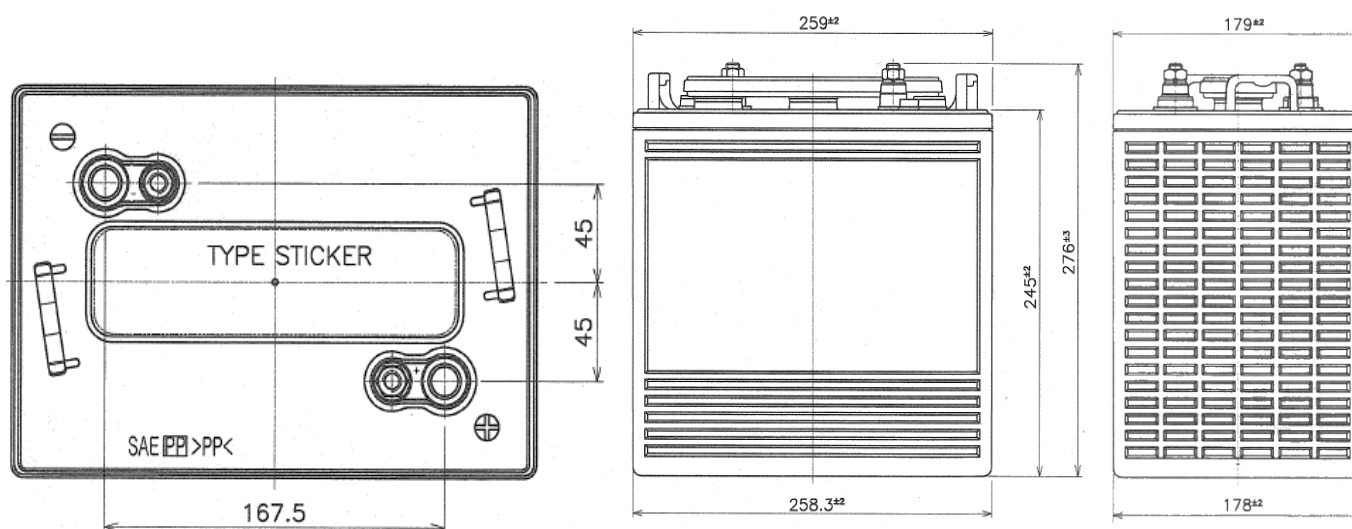
ELECTRICAL SPECIFICATIONS

| Reserved Capacity (mins) | | Capacity Amp-Hours (Ah) | | | | Energy (KWh) |
|--------------------------|----------|-------------------------|-------|-------|--------|--------------|
| @25 Amps | @75 Amps | 5-hr | 10-hr | 20-hr | 100-hr | |
| 259 | 179 | 245 | 278 | 5.7 | 28.2 | 1.50 |

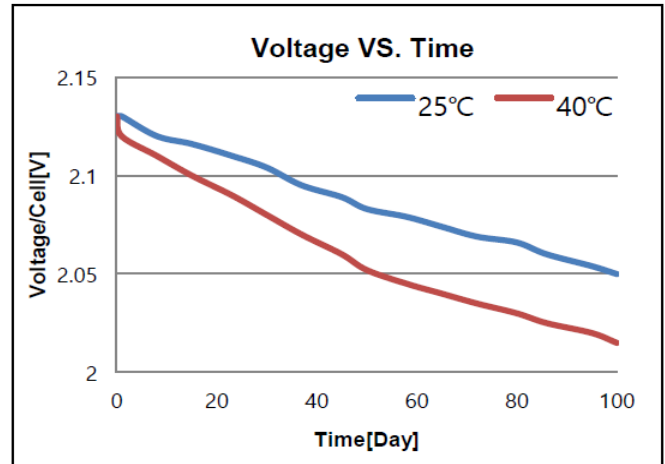
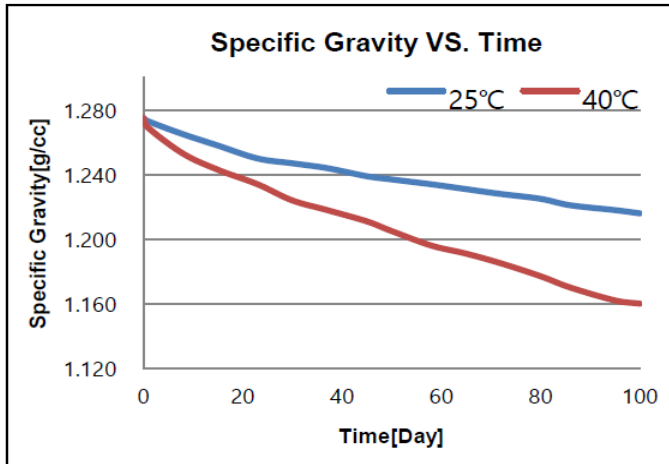
TERMINAL CONFIGURATIONS

| EHPT | Embedded High Profile Terminal | | EAPT | Embedded Automotive Post Terminal | |
|---|--------------------------------|----------|--|-----------------------------------|------------|
|  | Terminal Height | 38 mm |  | Terminal Height | 24 mm |
| | Torque Value | 11-12 Nm | | Torque Value | 5.6-7.9 Nm |
| | Bolt | 5/16" | | | |
| | | | | | |

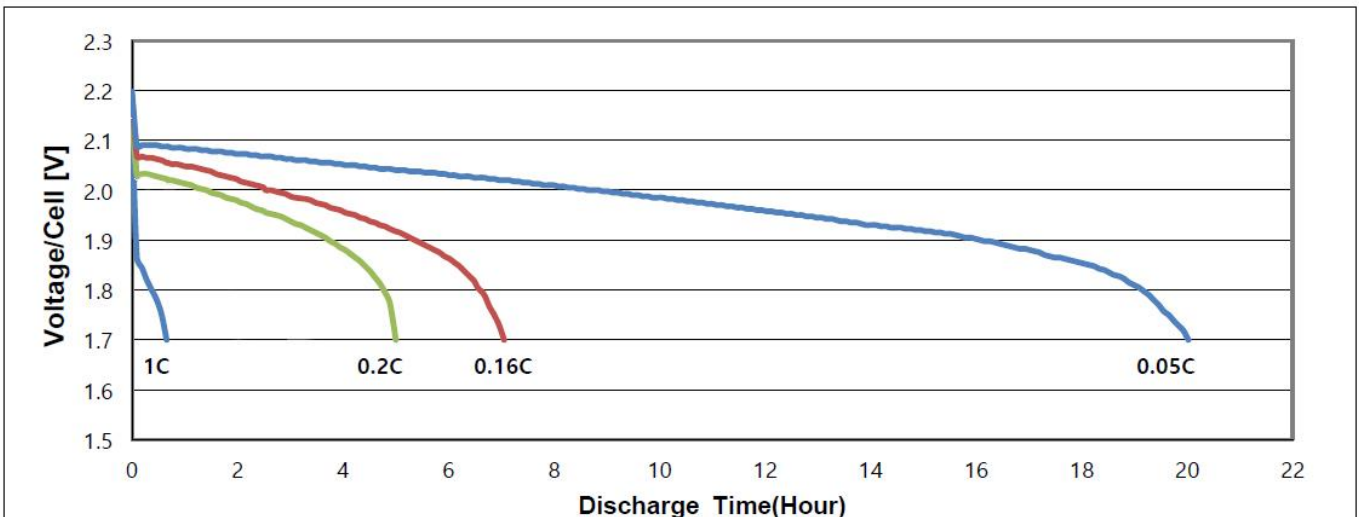
BATTERY DIMENSIONS



SELF DISCHARGE DATA



CAPACITY BY DISCHARGE CURRENT



CHARGING INSTRUCTIONS

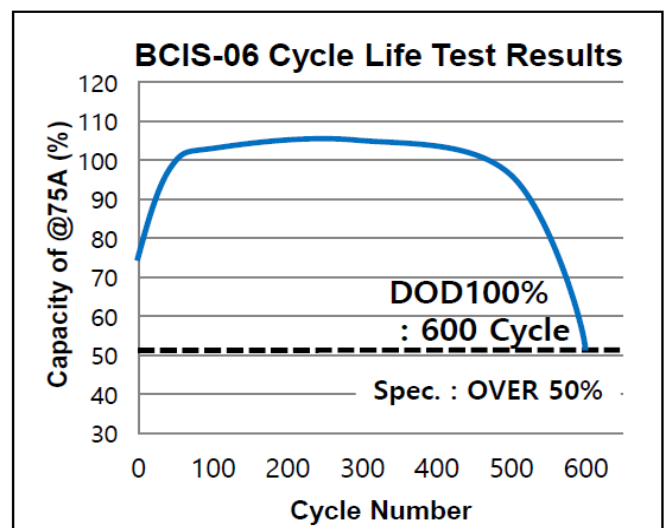
| System Voltage | 6V | 8V | 12V | 24V | 36V | 48V |
|-----------------|-----|------|------|------|------|------|
| Bulk Charge | 7.4 | 9.9 | 14.8 | 29.6 | 44.5 | 59.3 |
| Float Charge | 6.7 | 9.0 | 13.5 | 27.0 | 40.5 | 54.0 |
| Equalize Charge | 8.1 | 10.8 | 16.2 | 32.4 | 48.6 | 64.8 |

*Charger voltage settings (at 25°C). Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery

| Charging Temperature | |
|--|---|
| Add | Subtract |
| 0.005V per cell for every 1°C below 25°C | 0.005V per cell for every 1°C above 25°C |
| Operational Data | |
| -20°C to +45°C | 5-15% per month depending on storage temperature conditions |
| At temperatures below 0°C maintain SOC>60% | |

Delta-Q Reference: Algorithm ID 71

CYCLE SERVICE LIFE: BCIS-06 [100% DOD @ 27°C]



PRODUCT DETAILS

Model : R875
 Voltage : 8V
 Battery : Deep Cycle Flooded Lead Acid Battery
 Material : Polypropylene Plastic





PHYSICAL SPECIFICATIONS

| BCI Size | Voltage | Dimension (mm) | | | | Electrolyte Quantity (L) | Weight (kg) |
|----------|---------|----------------|-------|--------|--------------|--------------------------|-------------|
| | | Length | Width | Height | Total Height | | |
| GC8 | 8V | 262 | 181 | 245 | 278 | 5.8 | 28.6 |

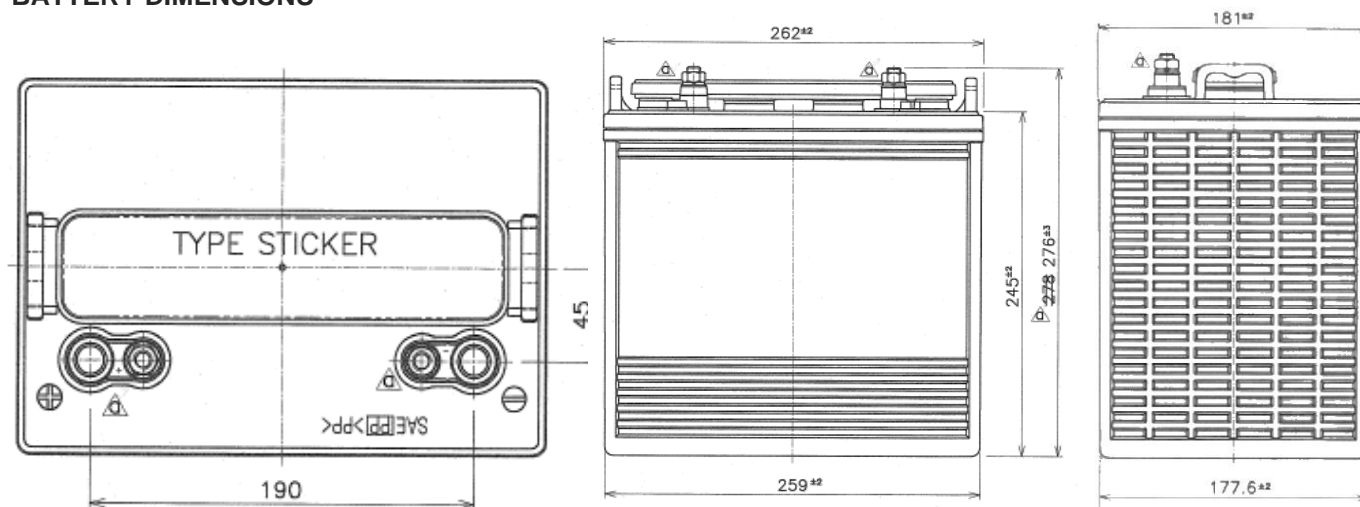
ELECTRICAL SPECIFICATIONS

| Reserved Capacity (mins) | | Capacity Amp-Hours (Ah) | | | | Energy (KWh) |
|--------------------------|---------|-------------------------|-------|-------|--------|--------------|
| @25 Amps | @56Amps | 5-hr | 10-hr | 20-hr | 100-hr | |
| 295 | 117 | 145 | - | 170 | - | - |

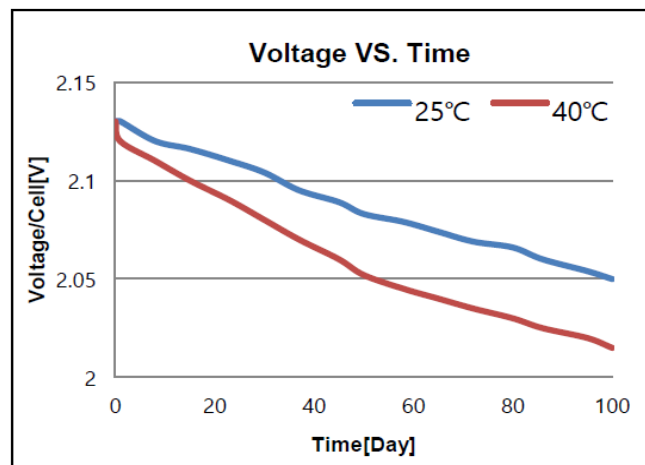
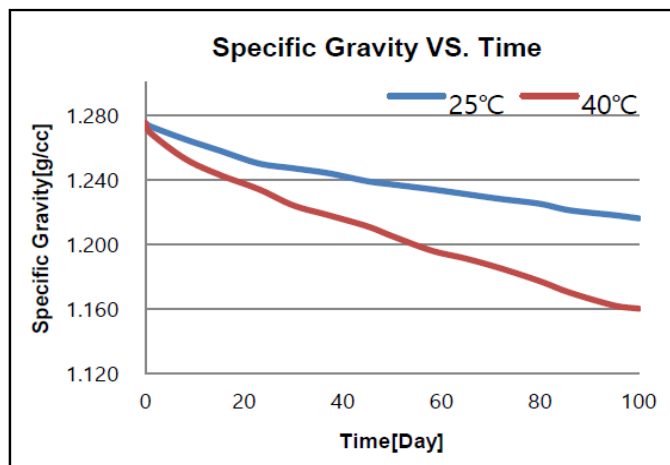
TERMINAL CONFIGURATIONS

| EHPT Embedded High Profile Terminal | | EAPT Embedded Automotive Post Terminal | |
|---|-----------------|---|--|
|  | Terminal Height | 33 mm |  |
| | Torque Value | 10.8-11.8 Nm | |
| | Bolt | 5/16" | |
| | | | Terminal Height 27.4 mm |
| | | | Torque Value 10.8-11.8 Nm |

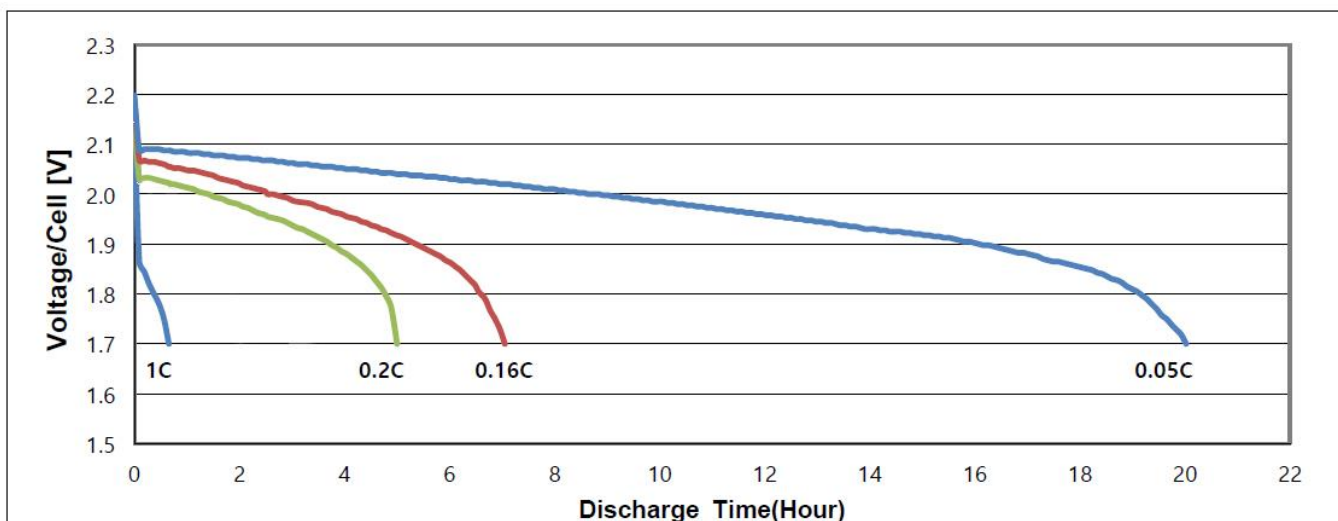
BATTERY DIMENSIONS



SELF DISCHARGE DATA



CAPACITY BY DISCHARGE CURRENT



CHARGING INSTRUCTIONS

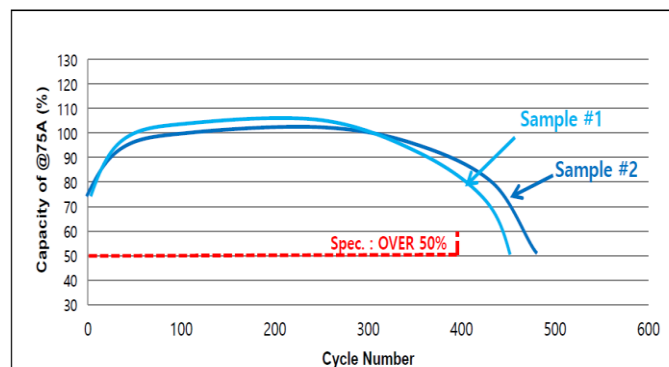
| System Voltage | 6V | 8V | 12V | 24V | 36V | 48V |
|-----------------|-----|------|------|------|------|------|
| Bulk Charge | 7.4 | 9.9 | 14.8 | 29.6 | 44.5 | 59.3 |
| Float Charge | 6.7 | 9.0 | 13.5 | 27.0 | 40.5 | 54.0 |
| Equalize Charge | 8.1 | 10.8 | 16.2 | 32.4 | 48.6 | 64.8 |

*Charger voltage settings (at 25°C). Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery

| Charging Temperature | |
|--|---|
| Add | Subtract |
| 0.005V per cell for every 1°C below 25°C | 0.005V per cell for every 1°C above 25°C |
| Operational Data | |
| -20°C to +45°C | 5-15% per month |
| At temperatures below 0°C maintain SOC>60% | depending on storage temperature conditions |

Delta-Q Reference: Algorithm ID 71

CYCLE SERVICE LIFE: BCIS-06 [100% DOD @ 27°C]



PRODUCT DETAILS

Model : R1275
Voltage : 12V
Battery : Deep Cycle Flooded Lead Acid Battery
Material : Polypropylene Plastic





PHYSICAL SPECIFICATIONS

| BCI Size | Voltage | Dimension (mm) | | | Total Height | Electrolyte Quantity (L) | Weight (kg) |
|----------|---------|----------------|-------|--------|--------------|--------------------------|-------------|
| | | Length | Width | Height | | | |
| GC12 | 12V | 329 | 181 | 245 | 278 | 6.8 | 39 |

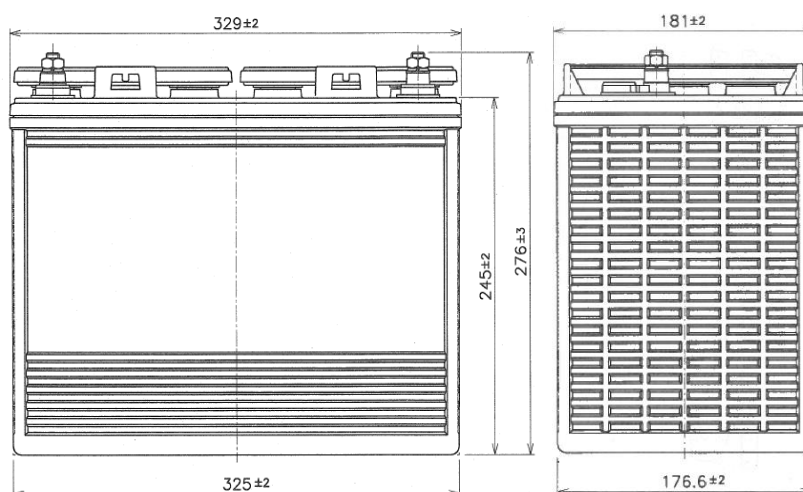
ELECTRICAL SPECIFICATIONS

| Reserved Capacity (mins) | | Capacity Amp-Hours (Ah) | | | | Energy (KWh) |
|--------------------------|---------|-------------------------|-------|-------|--------|--------------|
| @25 Amps | @75Amps | 5-hr | 10-hr | 20-hr | 100-hr | |
| 280 | 70 | 120 | 134 | 150 | 166 | 2 |

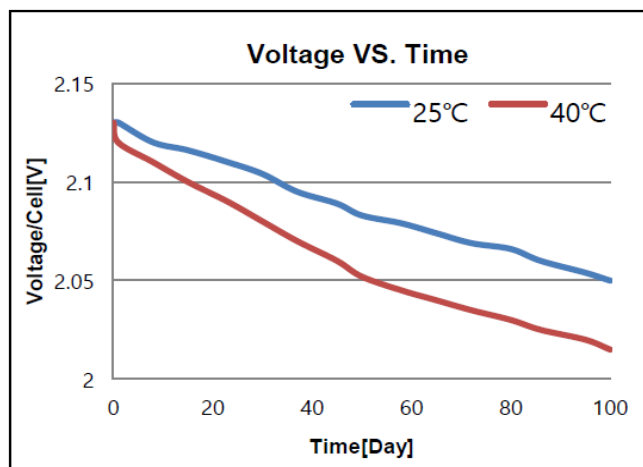
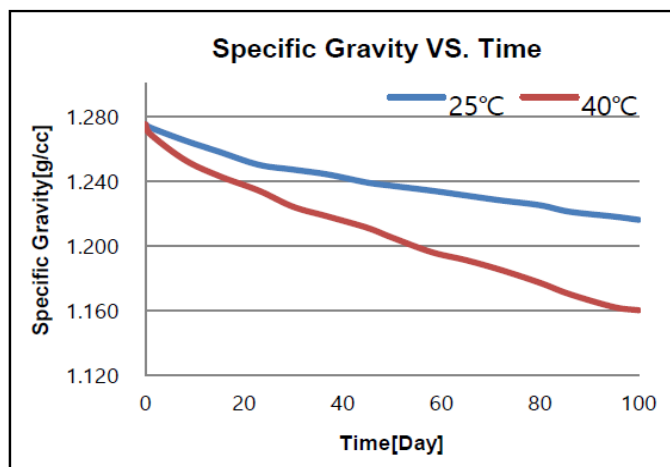
TERMINAL CONFIGURATIONS

| EHPT Embedded High Profile Terminal | | EAPT Embedded Automotive Post Terminal | |
|---|-----------------|---|--|
|  | Terminal Height | 33 mm |  |
| | Torque Value | 10.8-11.8 Nm | |
| | Bolt | 5/16" | |
| | | Terminal Height | 27.4 mm |
| | | Torque Value | 10.8-11.8 Nm |

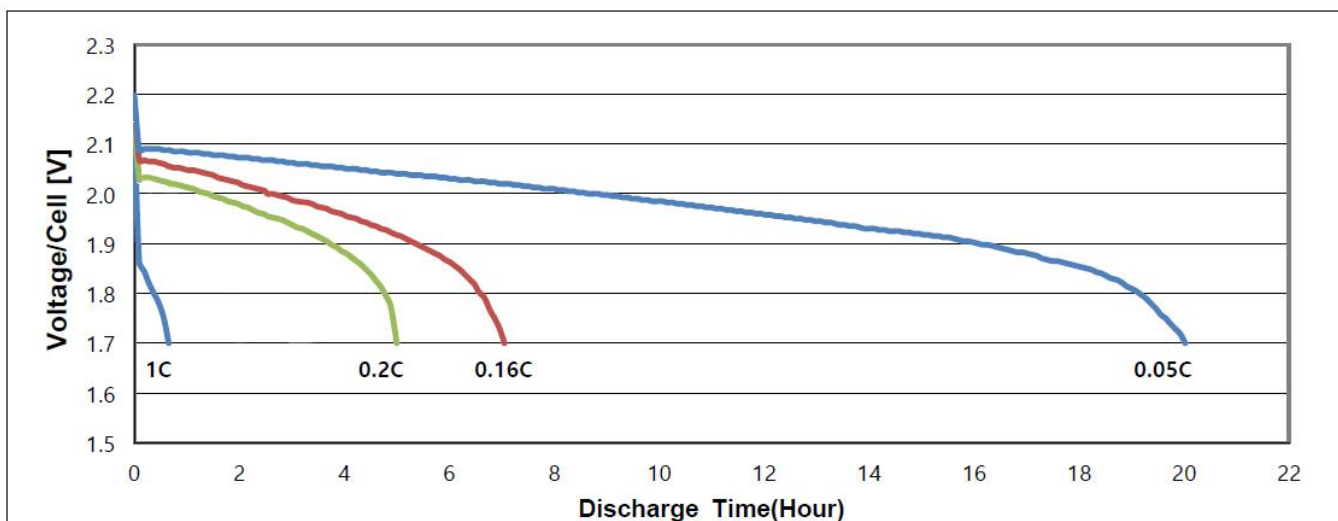
BATTERY DIMENSIONS



SELF DISCHARGE DATA



CAPACITY BY DISCHARGE CURRENT



CHARGING INSTRUCTIONS

| System Voltage | 6V | 8V | 12V | 24V | 36V | 48V |
|-----------------|-----|------|------|------|------|------|
| Bulk Charge | 7.4 | 9.9 | 14.8 | 29.6 | 44.5 | 59.3 |
| Float Charge | 6.7 | 9.0 | 13.5 | 27.0 | 40.5 | 54.0 |
| Equalize Charge | 8.1 | 10.8 | 16.2 | 32.4 | 48.6 | 64.8 |

*Charger voltage settings (at 25°C). Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery

| Charging Temperature | |
|--|---|
| Add | Subtract |
| 0.005V per cell for every 1°C below 25°C | 0.005V per cell for every 1°C above 25°C |
| Operational Data | |
| -20°C to +45°C | 5-15% per month |
| At temperatures below 0°C maintain SOC>60% | depending on storage temperature conditions |

Delta-Q Reference: Algorithm ID 71

CYCLE SERVICE LIFE: BCIS-06 [100% DOD @ 27°C]

