

CP1270Y 12V 7.0Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one-way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

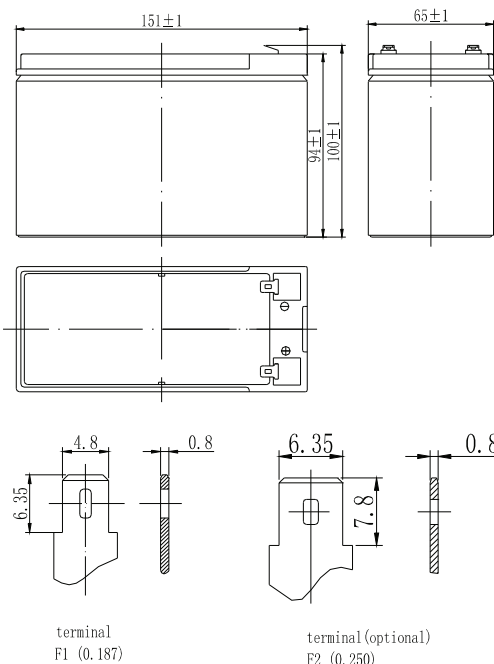
General Features

- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.

Dimensions and Weight

Length(mm / inch)	151 / 5.94
Width(mm / inch)	65 / 2.56
Height(mm / inch)	94 / 3.70
Total Height(mm / inch)	100 / 3.94
Approx. Weight(Kg / lbs)	2.2 / 4.84

Weight deviation: ± 5%



Performance Characteristics

Nominal Voltage	12V
Number of cell	6
Design Life	5 years
Nominal Capacity 77°F(25°C)	
20 hour rate (0.36A, 10.5V)	7.0Ah
10 hour rate (0.69A, 10.5V)	6.7Ah
5 hour rate (1.16A, 10.5V)	5.6Ah
1 hour rate (4.8A, 9.6V)	4.6Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	25mOhms
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	105A(5s)
Short Circuit Current	350A
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.30-2.35VPC
Maximum charging current	2.88A
Temperature compensation	-30mV/°C
Standby use	2.23-2.27VPC
Temperature compensation	-20mV/°C

Discharge Constant Current (Amperes at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	30.0	18.8	15.3	8.50	4.80	1.88	1.25	0.71	0.38
1.65V	28.4	17.9	14.6	8.15	4.63	1.82	1.20	0.70	0.38
1.70V	26.8	17.0	13.9	7.86	4.44	1.76	1.16	0.70	0.37
1.75V	25.2	16.0	13.2	7.56	4.25	1.69	1.12	0.69	0.36
1.80V	23.5	15.1	12.5	7.18	4.04	1.64	1.10	0.67	0.35

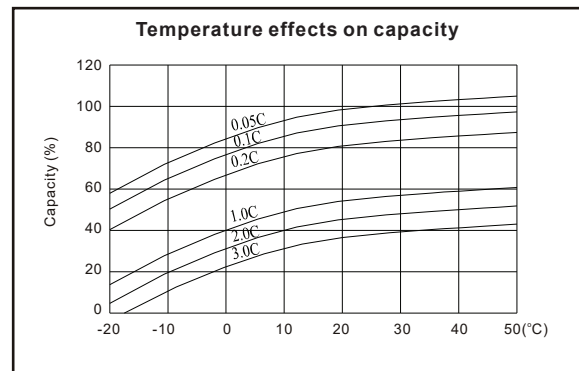
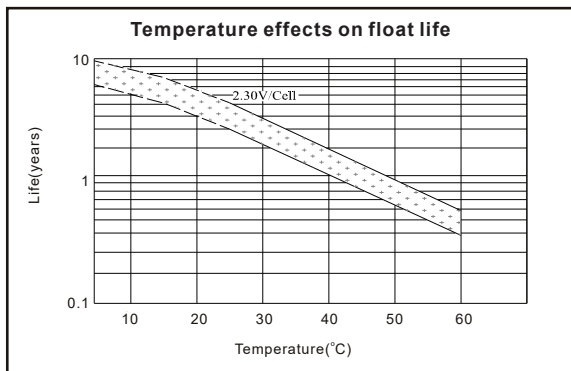
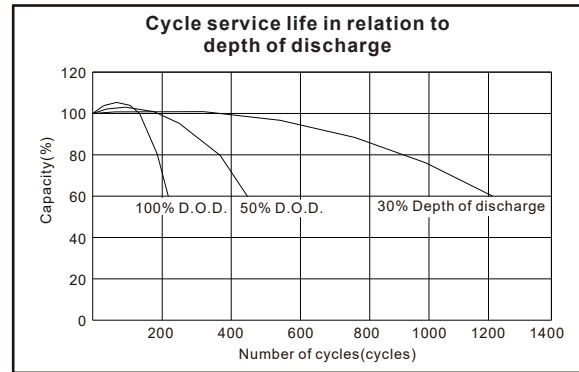
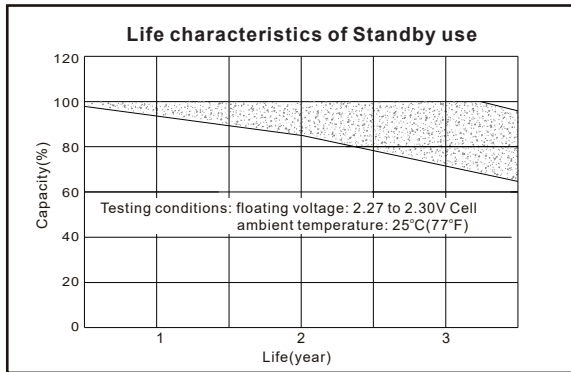
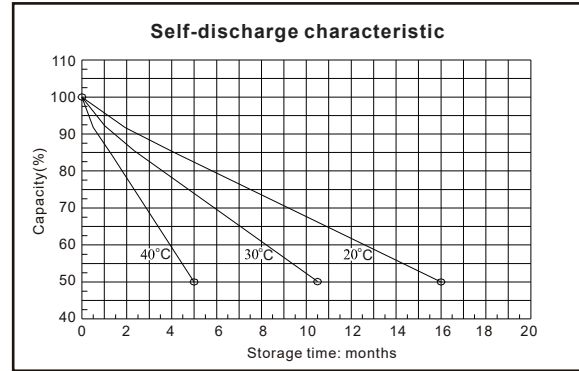
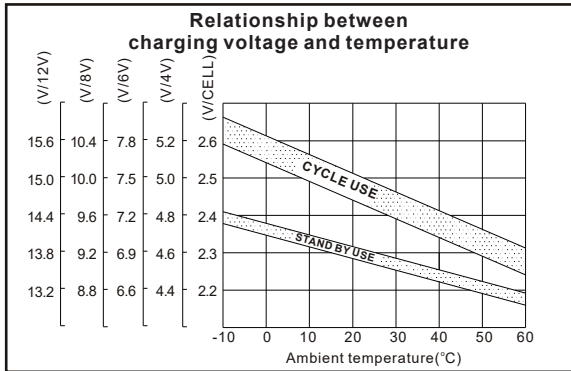
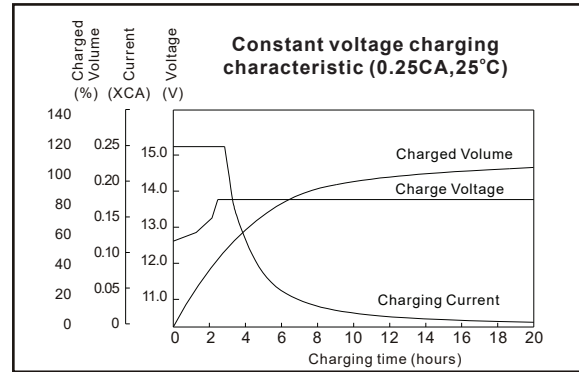
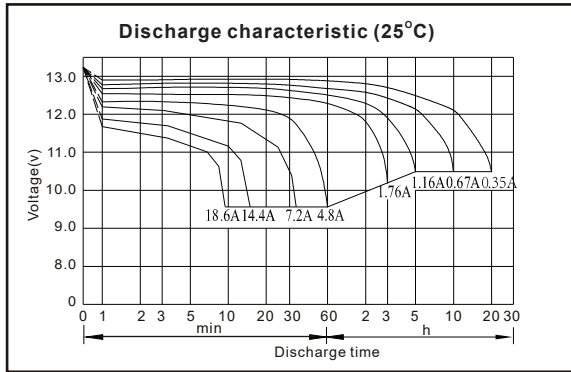
Discharge Constant Power (Watts at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	53.3	35.8	28.1	15.5	11.8	9.30	5.13	3.68	2.38
1.65V	50.7	34.0	27.0	14.9	11.3	8.90	5.02	3.59	2.34
1.70V	48.1	32.2	25.9	14.3	10.8	8.53	4.89	3.49	2.30
1.75V	45.6	30.4	24.8	13.7	10.4	8.28	4.73	3.38	2.25
1.80V	43.1	28.6	23.8	13.2	10.0	7.90	4.58	3.27	2.19

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values.

CP1270Y 12V 7.0Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY



CP1290 12V 9Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special oneway valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

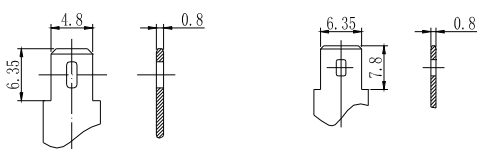
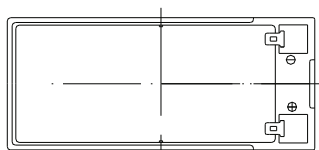
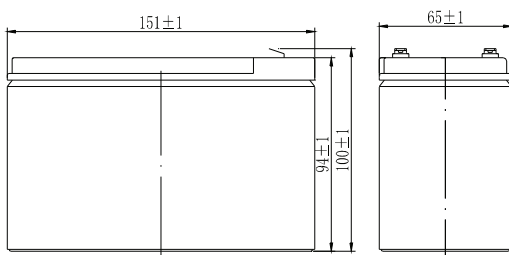
General Features

- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.

Dimensions and Weight

Length(mm / inch)	151 / 5.94
Width(mm / inch)	65 / 2.56
Height(mm / inch)	94 / 3.70
Total Height(mm / inch)	100 / 3.94
Approx. Weight(Kg / lbs)	2.8 / 6.17

* Weight deviation: $\pm 5\%$



terminal F1

terminal
F2(optional)

Performance Characteristics

Nominal Voltage	12V
Number of cell	6
Design Life	5 years
Nominal Capacity 77°F(25°C)	
20 hour rate (0.45A, 10.5V)	9Ah
10 hour rate (0.82A, 10.5V)	8.2Ah
5 hour rate (1.54A, 10.5V)	7.7Ah
1 hour rate (5.8A, 9.6V)	5.8Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	$\leq 18\text{m}\Omega$
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	135A(5s)
Short Circuit Current	450A
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.40-2.45VPC
Maximum charging current	3.6A
Temperature compensation	-30mV/°C
Standby use	2.23-2.30VPC
Temperature compensation	-20mV/°C

Discharge Constant Current (Amperes at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	33.0	24.2	17.0	9.90	5.80	2.33	1.60	0.87	0.47
1.65V	32.1	23.6	16.5	9.79	5.75	2.29	1.56	0.86	0.46
1.70V	30.9	22.9	16.1	9.36	5.71	2.25	1.55	0.84	0.46
1.75V	30.3	22.1	14.6	8.91	5.66	2.20	1.54	0.82	0.45
1.80V	29.6	21.0	13.9	8.45	5.51	2.14	1.53	0.82	0.44

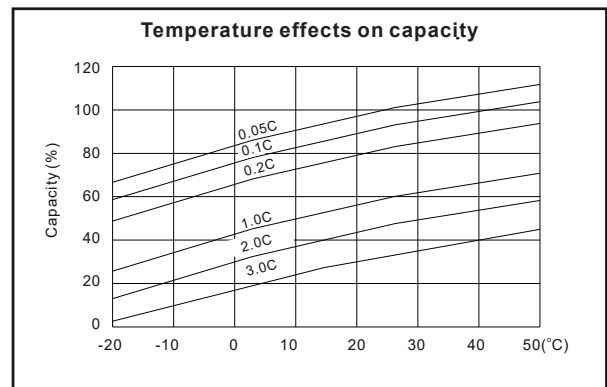
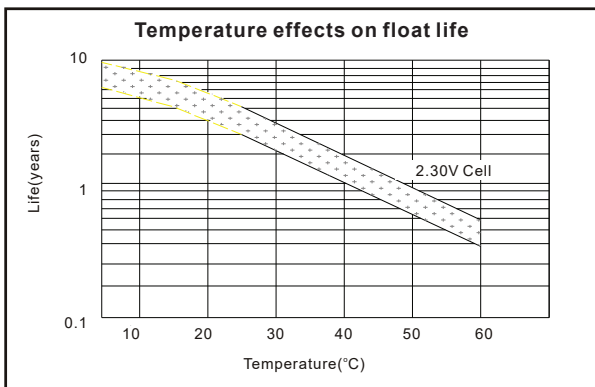
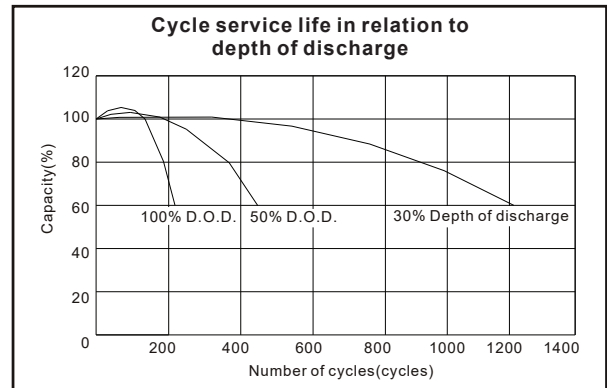
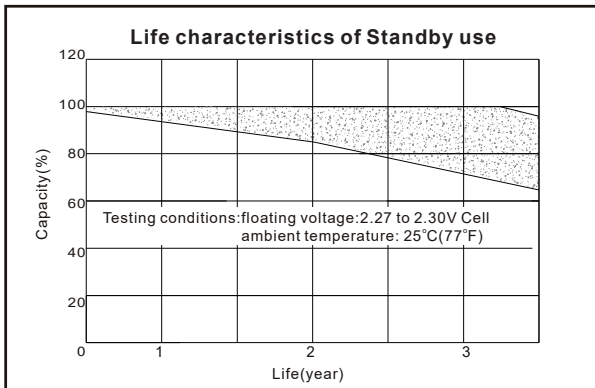
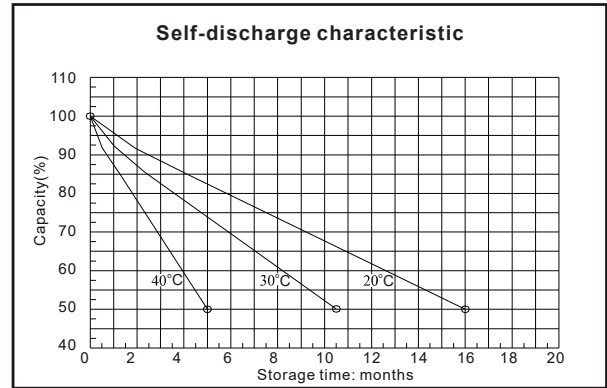
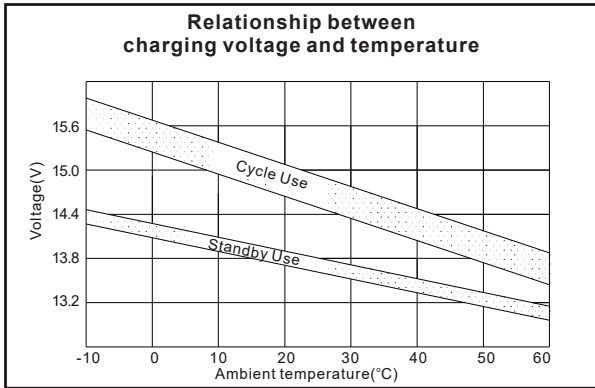
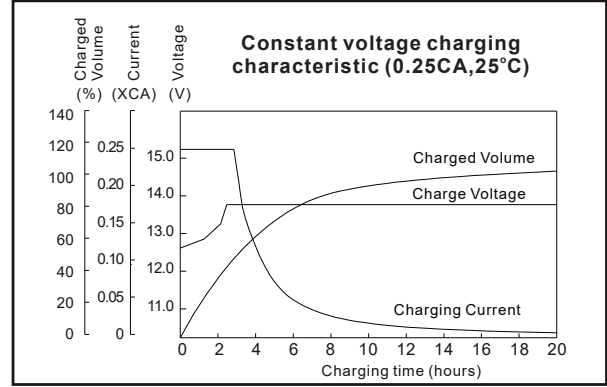
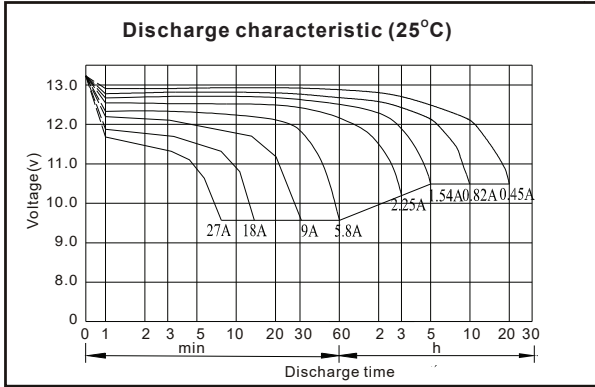
Discharge Constant Power (Watts at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	71.7	44.8	33.6	19.6	14.5	11.5	6.30	4.34	3.10
1.65V	68.3	44.3	33.1	19.1	14.2	11.2	6.23	4.29	3.04
1.70V	64.8	42.9	31.1	18.5	13.7	11	6.08	4.20	2.98
1.75V	61.4	41.1	30.2	17.6	12.9	10.7	5.94	4.08	2.92
1.80V	58.0	39.2	28.4	16.6	12.2	10.4	5.77	3.92	2.85

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values.
All data shall be changed without notice, AMB reserves the right to explain and update the information contained hereinto.

CP1290 12V 9Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY



CP12120 12V 12Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one-way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

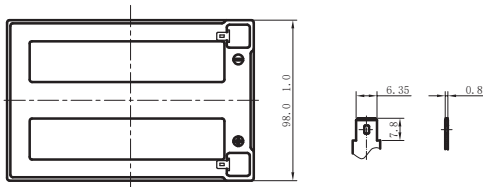
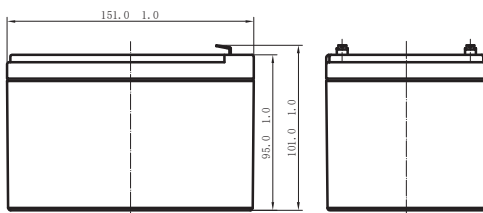
General Features

- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.

Dimensions and Weight

Length(mm / inch)	151 / 5.94
Width(mm / inch)	98 / 3.86
Height(mm / inch)	95 / 3.74
Total Height(mm / inch)	101 / 3.98
Approx. Weight(Kg / lbs)	3.67 / 8.10

* Weight deviation: ± 5%



Performance Characteristics

Nominal Voltage	12V
Number of cell	6
Design Life	5 years
Nominal Capacity 77°F(25°C)	
20 hour rate (0.6A, 10.5V)	12Ah
10 hour rate (1.14A, 10.5V)	11.4Ah
5 hour rate (2.05A, 10.5V)	10.25Ah
1 hour rate (8.14A, 9.6V)	8.14Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	≤19mOhms
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	180A(5s)
Short Circuit Current	600A
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.40-2.45VPC
Maximum charging current	4.8A
Temperature compensation	-30mV/°C
Standby use	2.23-2.30VPC
Temperature compensation	-20mV/°C

Discharge Constant Current (Amperes at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	46.4	31.7	24.8	13.8	8.14	3.18	2.12	1.18	0.61
1.65V	45.0	30.8	24.3	13.5	8.04	3.15	2.10	1.17	0.61
1.70V	43.5	29.9	23.7	13.3	7.94	3.12	2.07	1.16	0.61
1.75V	42.1	29.0	23.2	13.0	7.85	3.09	2.05	1.14	0.60
1.80V	40.6	28.2	22.6	12.7	7.75	3.06	2.02	1.12	0.59

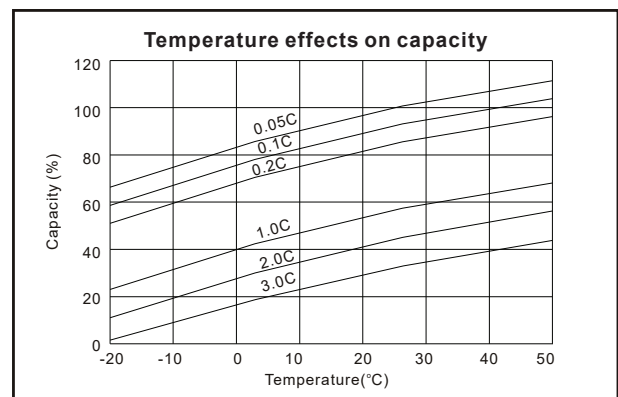
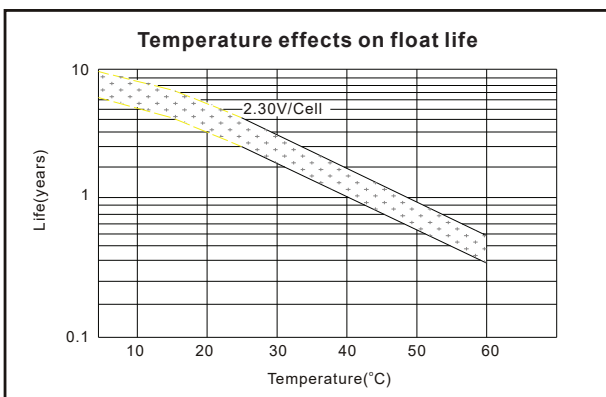
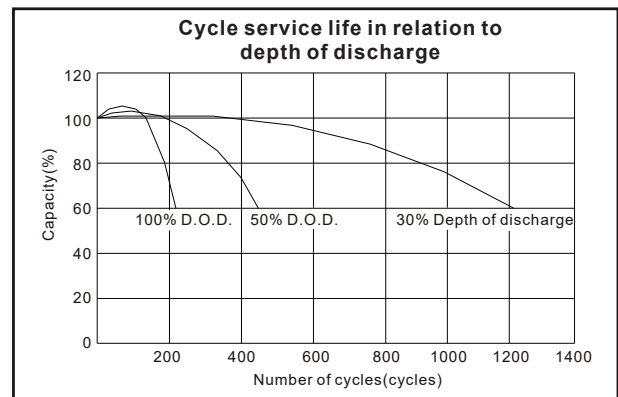
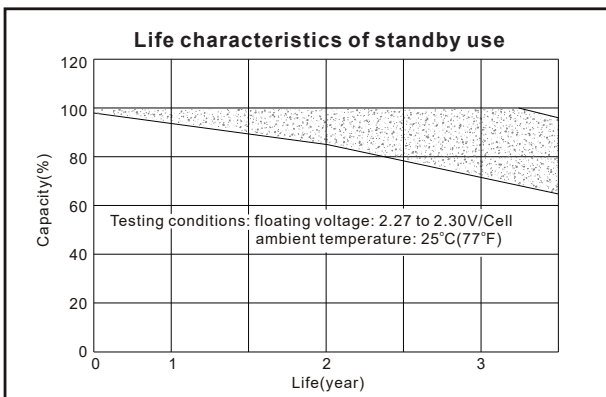
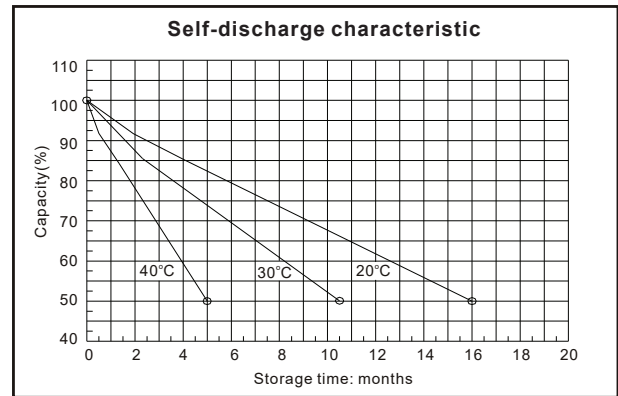
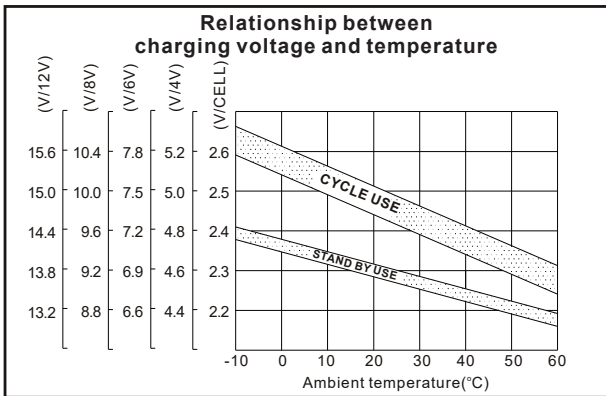
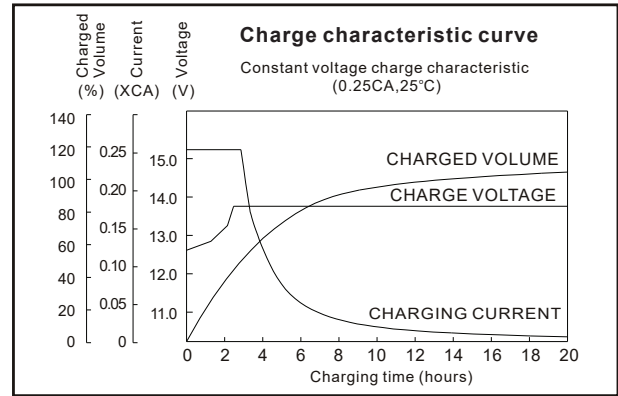
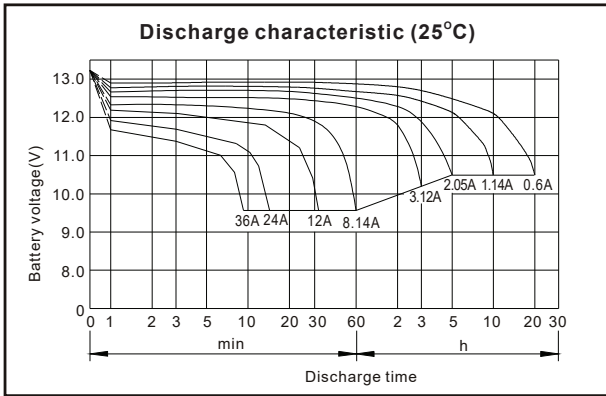
Discharge Constant Power (Watts at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	86.2	58.7	46.7	27.0	20.6	16.1	8.50	6.50	4.20
1.65V	84.1	57.7	46.0	26.6	20.4	16.0	8.42	6.44	4.17
1.70V	81.9	56.6	45.3	26.2	20.1	15.8	8.33	6.37	4.14
1.75V	79.8	55.6	44.6	25.8	19.9	15.7	8.25	6.31	4.11
1.80V	77.6	54.6	43.9	25.4	19.6	15.5	8.16	6.24	4.08

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values.
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CP12120 12V 12Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY



CP12170E-X 12V 17Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one-way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

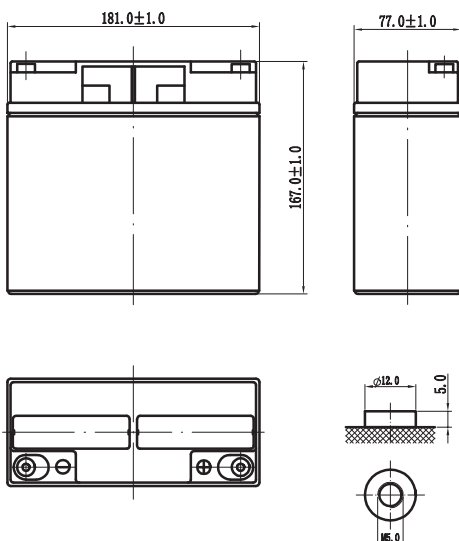
General Features

- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.

Dimensions and Weight

Length(mm / inch)	181 / 7.13
Width(mm / inch)	77 / 3.03
Height(mm / inch)	167 / 6.57
Total Height(mm / inch)	167 / 6.57
Approx. Weight(Kg / lbs)	5.3 / 11.7

* Weight deviation: ± 5%



Performance Characteristics

Nominal Voltage	12V
Number of cell	6
Design Life	5 years
Nominal Capacity 77°F(25°C)	
20 hour rate (0.85A, 10.5V)	17Ah
10 hour rate (1.68A, 10.5V)	16.8Ah
5 hour rate (3.09A, 10.5V)	15.45Ah
1 hour rate (11.8A, 9.6V)	11.8Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	≤16.5mOhms
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	255A(5s)
Short Circuit Current	850A
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.40-2.45VPC
Maximum charging current	6.8A
Temperature compensation	-30mV/°C
Standby use	2.23-2.30VPC
Temperature compensation	-20mV/°C

Discharge Constant Current (Amperes at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	64.9	44.1	34	19.8	11.8	4.57	3.09	1.78	0.89
1.65V	62.8	43	33.3	19.4	11.6	4.5	3.03	1.75	0.88
1.70V	60.5	41.9	32.6	18.9	11.4	4.42	2.97	1.72	0.87
1.75V	58	40.7	31.8	18.4	11.2	4.35	2.91	1.68	0.85
1.80V	55.3	39.4	30.9	17.9	10.9	4.27	2.84	1.65	0.84

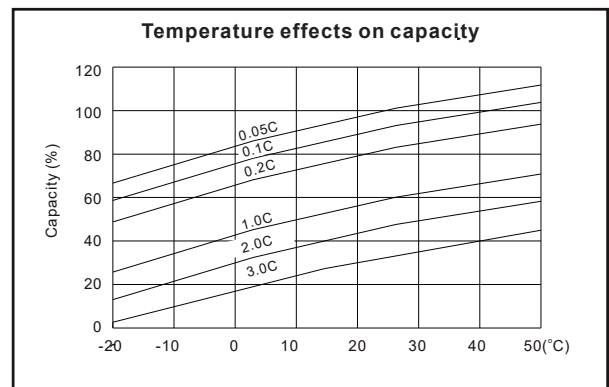
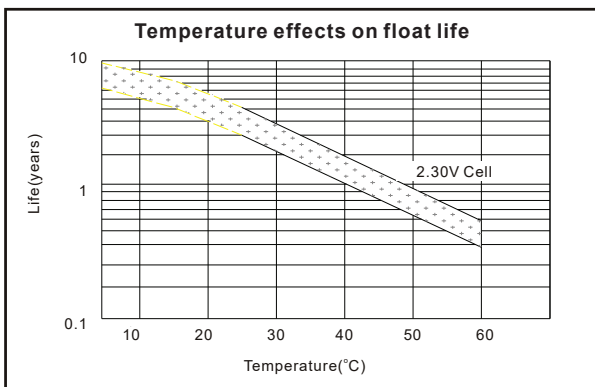
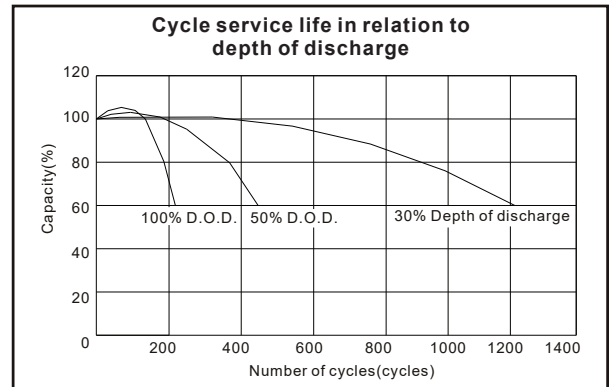
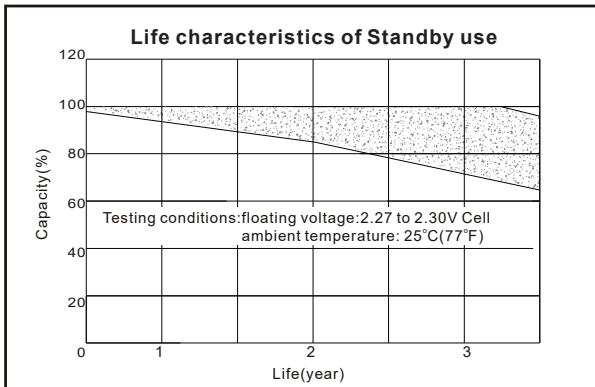
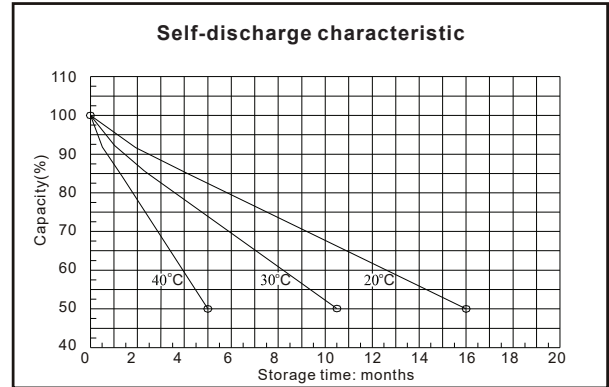
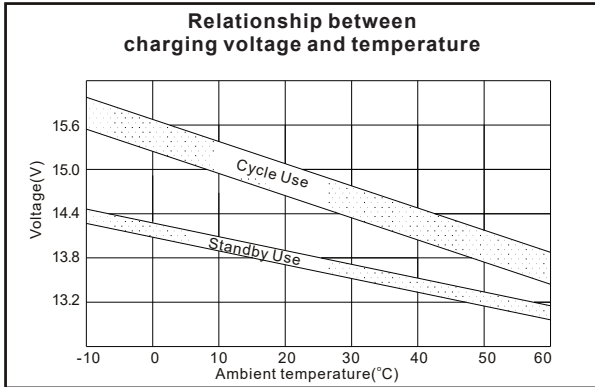
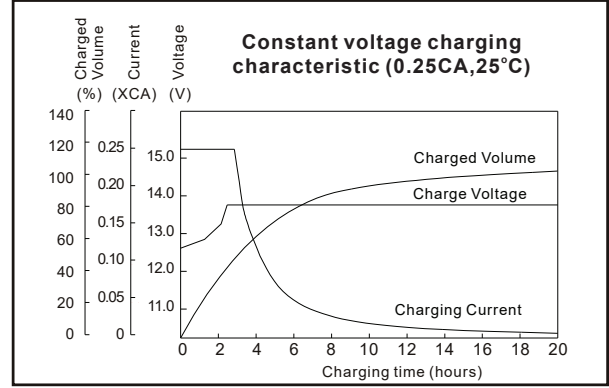
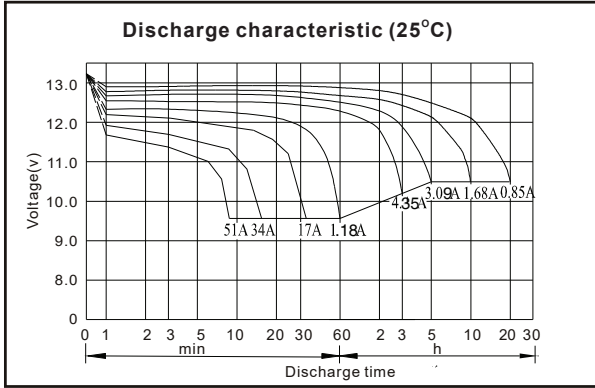
Discharge Constant Power (Watts at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	111	78.6	61.3	35.3	27.4	22.4	13.0	9.09	6.13
1.65V	107	77.2	60.2	34.8	27.1	22.2	12.9	9.01	6.07
1.70V	103	75.8	59.0	34.3	26.8	22.0	12.8	8.92	6.01
1.75V	98.0	74.3	57.8	33.7	26.4	21.7	12.7	8.83	5.95
1.80V	94.0	72.8	56.5	33.1	26.0	21.5	12.5	8.74	5.88

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values. All data shall be changed without notice,AMB reserves the right to explain and update the information contained hereinto.

CP12170E-X 12V 17Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY



CP12240E-X 12V 24Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one-way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

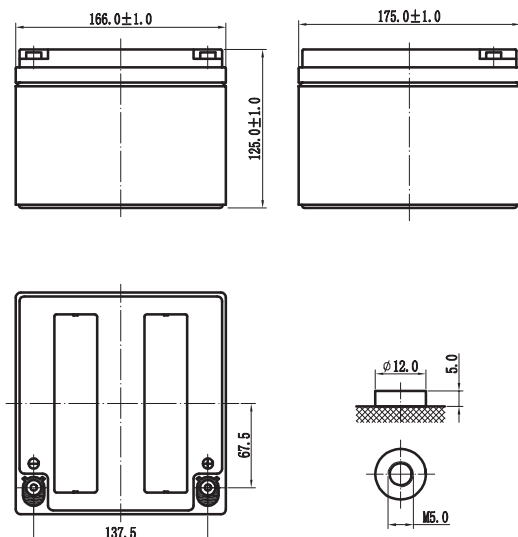
General Features

- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.

Dimensions and Weight

Length(mm / inch)	166 / 6.54
Width(mm / inch)	175 / 6.89
Height(mm / inch)	125 / 4.92
Total Height(mm / inch)	125 / 4.92
Approx. Weight(Kg / lbs)	7.6 / 16.8

* Weight deviation: $\pm 5\%$



Performance Characteristics

Nominal Voltage	12V
Number of cell	6
Design Life	5 years
Nominal Capacity 77°F(25°C)	
20 hour rate (1.2A, 10.5V)	24Ah
10 hour rate (2.2A, 10.5V)	22Ah
5 hour rate (3.81A, 10.5V)	19.5Ah
1 hour rate (14.4A, 9.6V)	14.4Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	$\leq 12\text{mOhms}$
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	300A(5s)
Short Circuit Current	1200A
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.40-2.45VPC
Maximum charging current	9.6A
Temperature compensation	-30mV/°C
Standby use	2.23-2.30VPC
Temperature compensation	-20mV/°C

Discharge Constant Current (Amperes at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	3h	5h	10h	20h
1.60V	70.0	45.1	35.6	22.8	17.6	14.4	6.30	4.18	2.34	1.26
1.65V	65.0	42.8	33.9	21.9	16.8	13.8	6.07	4.05	2.30	1.24
1.70V	60.0	40.5	32.3	20.9	16.1	13.2	5.85	3.93	2.25	1.22
1.75V	55.0	38.1	30.7	20.0	15.4	12.6	5.63	3.81	2.20	1.20
1.80V	50.0	35.8	29.1	19.1	14.6	12.0	5.40	3.69	2.16	1.18

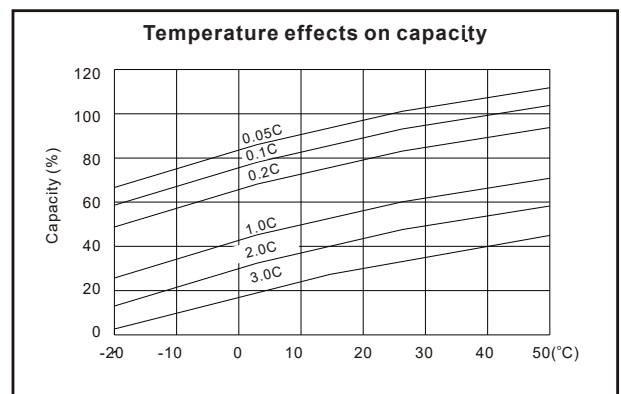
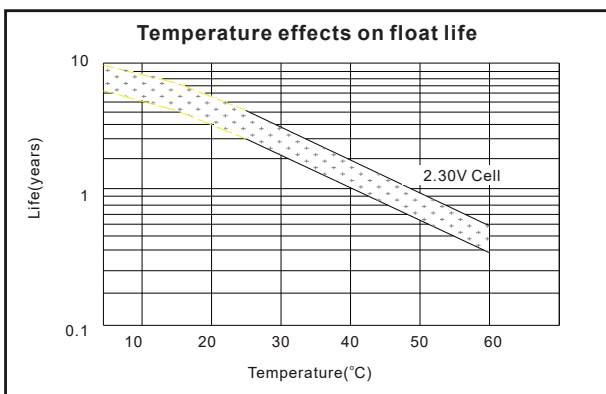
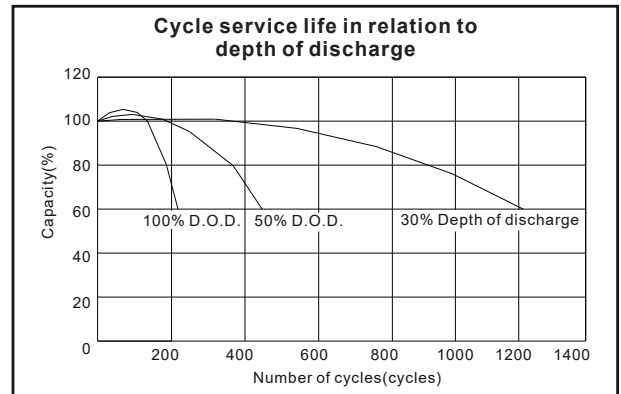
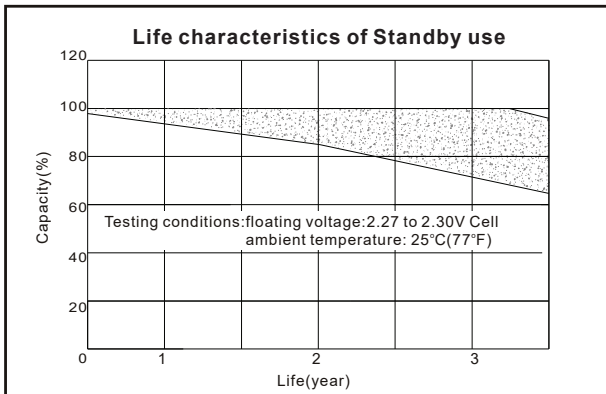
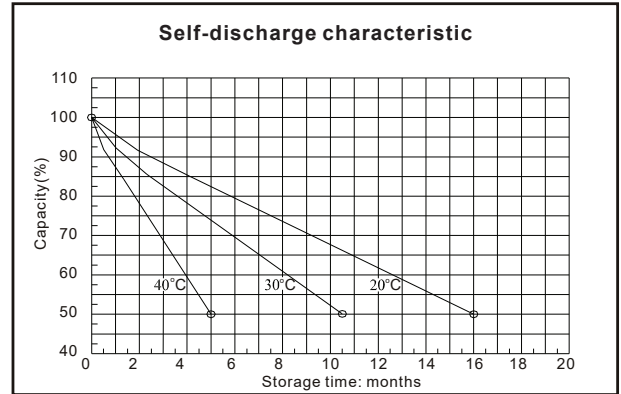
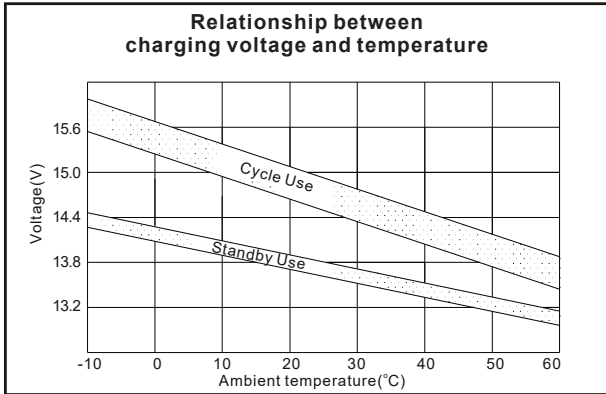
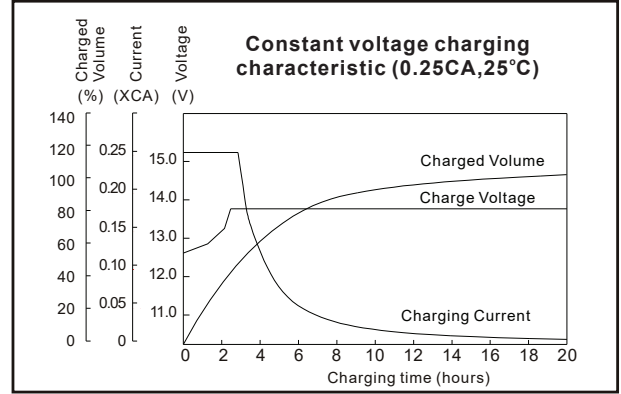
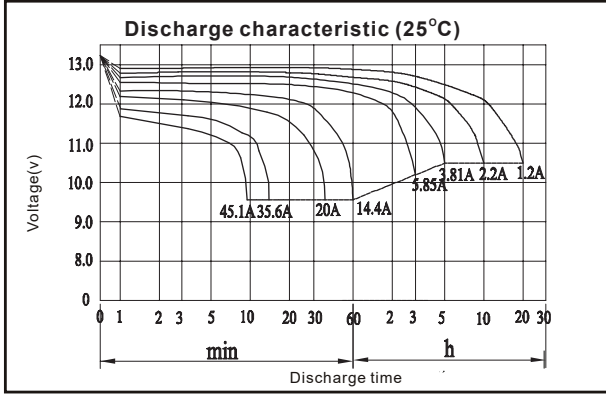
Discharge Constant Power (Watts at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	3h	5h	10h	20h
1.60V	125	80.9	65.1	43.2	35.8	27.9	12.5	7.94	4.69	2.45
1.65V	118	77.0	62.2	41.5	34.1	26.8	12.0	7.78	4.62	2.41
1.70V	110	73.0	59.3	39.8	32.5	25.7	11.5	7.61	4.55	2.38
1.75V	103	69.1	56.4	38.0	30.8	24.6	11.1	7.45	4.48	2.34
1.80V	95.0	65.1	53.5	36.3	29.1	23.5	10.6	7.28	4.41	2.30

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values.
All data shall be changed without notice,AMB reserves the right to explain and update the information contained hereinto.

CP12240E-X 12V 24Ah(20hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY



CP12400F-X 12V 40Ah(10hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY

The rechargeable batteries are lead-lead dioxide systems. The dilute sulfuric acid electrolyte is absorbed by separators and plates and thus immobilized. Should the battery be accidentally overcharged producing hydrogen and oxygen, special one-way valves allow the gases to escape thus avoiding excessive pressure build-up. Otherwise, the battery is completely sealed and is, therefore, maintenance-free, leak proof and usable in any position.

Battery Construction

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

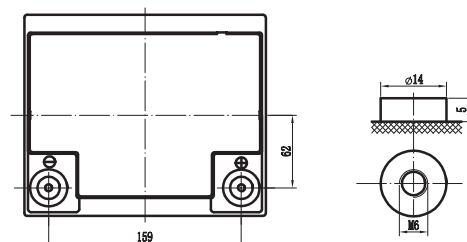
General Features

- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- UL-recognized component.
- Can be mounted in any orientation.
- Computer designed lead, calcium tin alloy grid for high power density.
- Long service life, float or cyclic applications.
- Maintenance-free operation.
- Low self discharge.

Dimensions and Weight

Length(mm / inch)	197.5 / 7.77
Width(mm / inch)	165.5 / 6.52
Height(mm / inch)	170 / 6.69
Total Height(mm / inch)	170 / 6.69
Approx. Weight(Kg / lbs)	12.8 / 28.2

* Weight deviation: ± 5%



Performance Characteristics

Nominal Voltage	12V
Number of cell	6
Design Life	5 years
Nominal Capacity 77°F(25°C)	
20 hour rate (2.1A, 10.8V)	42Ah
10 hour rate (4.0A, 10.8V)	40Ah
5 hour rate (7.51A, 10.5V)	37.55Ah
1 hour rate (25.9A, 9.6V)	25.9Ah
Internal Resistance	
Fully Charged battery 77°F(25°C)	≤ 9.0mOhms
Self-Discharge	
3% of capacity declined per month at 20°C(average)	
Operating Temperature Range	
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Max. Discharge Current 77°F(25°C)	400A(5s)
Short Circuit Current	950A
Charge Methods: Constant Voltage Charge 77°F(25°C)	
Cycle use	2.40-2.45VPC
Maximum charging current	16A
Temperature compensation	-30mV/°C
Standby use	2.20-2.28VPC
Temperature compensation	-20mV/°C

Discharge Constant Current (Amperes at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60V	130	90.5	72.7	41.9	25.9	11.3	7.95	4.20	2.25
1.65V	122	86.2	69.1	40.6	25.4	11.1	7.81	4.15	2.22
1.70V	114	81.8	66.5	39.2	24.8	10.9	7.67	4.10	2.18
1.75V	106	77.6	63.0	37.7	24.2	10.6	7.51	4.05	2.14
1.80V	97	73.9	59.2	36.2	23.5	10.4	7.35	4.00	2.10

Discharge Constant Power (Watts at 77°F25°C)

End Point Volts/Cell	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60V	236	163	127	83.2	62.2	50.9	28.0	21.5	14.0
1.65V	220	157	124	81.8	61.0	50.2	27.6	21.2	13.8
1.70V	204	150	121	79.3	59.8	49.3	27.1	20.8	13.6
1.75V	186	143	117	76.8	58.6	48.5	26.7	20.5	13.4
1.80V	177	135	113	74.3	57.4	47.7	26.3	20.1	13.3

(Note)The above characteristics data are average values obtained within three charge/discharge cycles not the minimum values.

All data shall be changed without notice,AMB reserves the right to explain and update the information contained hereinto.

CP12400F-X 12V 40Ah(10hr)

MAINTENANCE-FREE
RECHARGEABLE
SEALED LEAD ACID BATTERY

