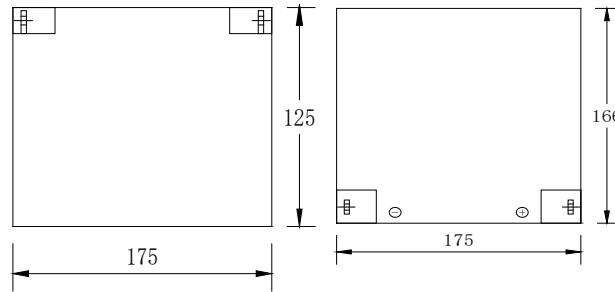
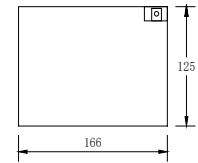
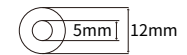


6-CNJ-24 GEL BATTERY



Terminal:



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	24Ah	7.3Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge:-45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge:-20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage:-30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use,Contemporary advanced technology research and development of new high-performance batteries,It can be widely used in solar energy , wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	13.28	6.04	4.03	2.60	1.34	0.57	0.31	0.27	0.14
1.75	13.01	5.97	3.96	2.57	1.31	0.54	0.29	0.25	0.13
1.8	12.75	5.92	3.90	2.50	1.28	0.53	0.28	0.24	0.13
1.85	12.24	5.88	3.83	2.40	1.22	0.50	0.26	0.22	0.12
1.9	11.75	5.83	3.77	2.35	1.20	0.49	0.25	0.21	0.11
1.95	11.24	5.72	3.69	2.22	1.11	0.45	0.24	0.20	0.10

Constant current discharge coefficient(25°C, A)

Certificate

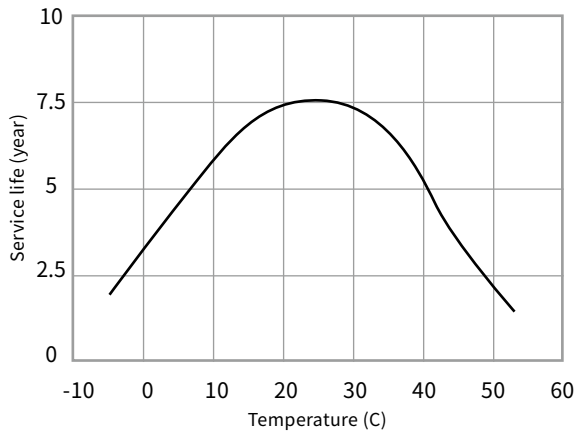
ISO9001
ISO14001
CE
CGC
TLC
High and NEW
Technology
Products Certification



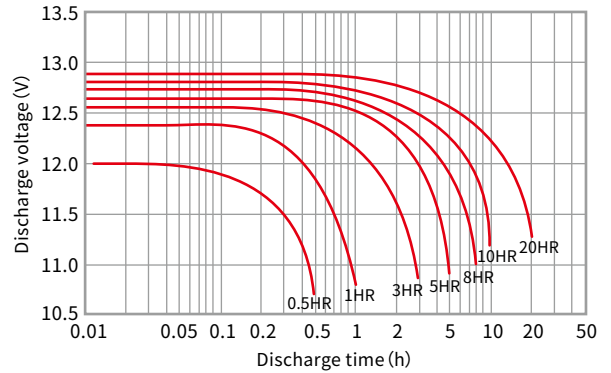
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

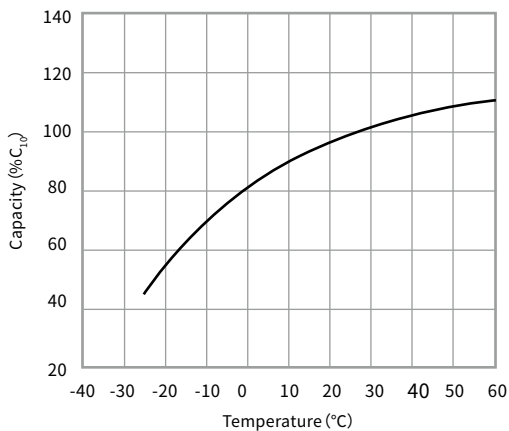
Temperature and service life



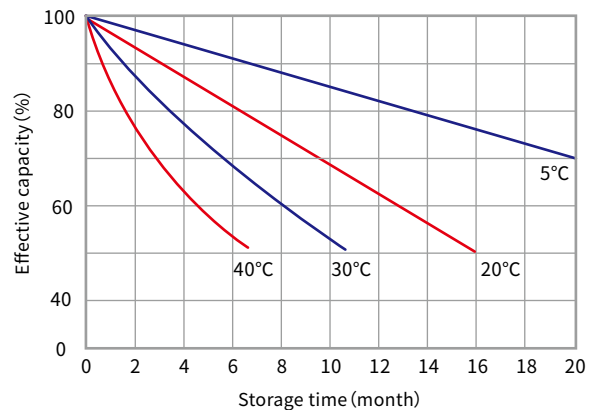
Discharge performance at different discharge rates (25°C/77°F)



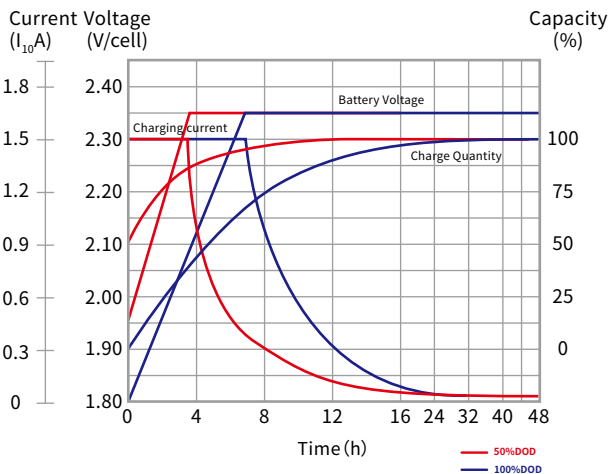
Temperature and discharge capacity



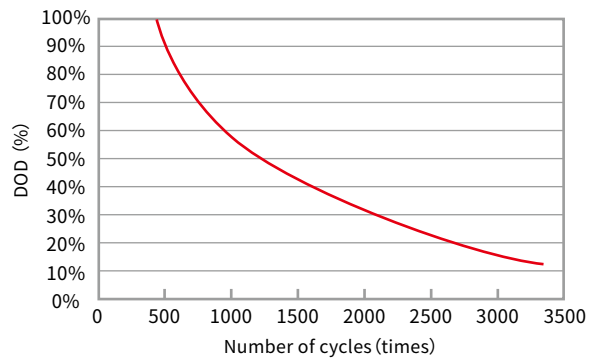
Self discharge parameters characteristics



Constant-potential charge

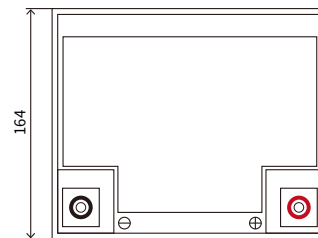
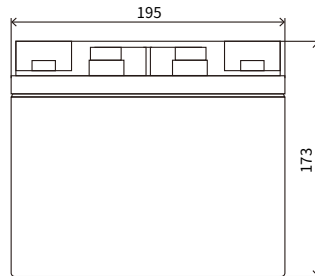


Cycle Service Life (25°C/77°F)

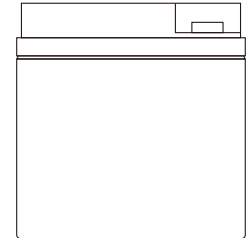


6-CNJ-38 GEL BATTERY

Massolar



Terminal: 8mm 20mm



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	38Ah	11.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	20.18	9.17	6.13	4.25	2.04	0.86	0.47	0.41	0.22
1.75	19.78	9.08	6.02	4.10	2.00	0.83	0.44	0.39	0.20
1.8	19.38	8.99	5.93	4.00	1.95	0.80	0.42	0.36	0.19
1.85	18.60	8.94	5.81	3.84	1.85	0.77	0.39	0.34	0.17
1.9	17.86	8.86	5.73	3.67	1.82	0.74	0.38	0.32	0.16
1.95	17.08	8.69	5.61	3.47	1.69	0.69	0.36	0.31	0.16

Constant current discharge coefficient(25°C, A)

Certificate

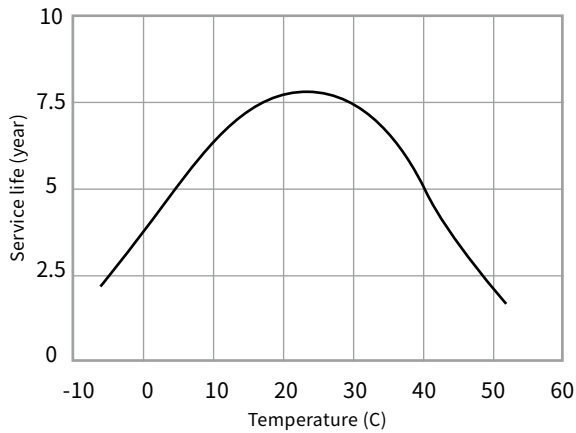
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CGC
TLC
High and NEW
Technology
Products Certification



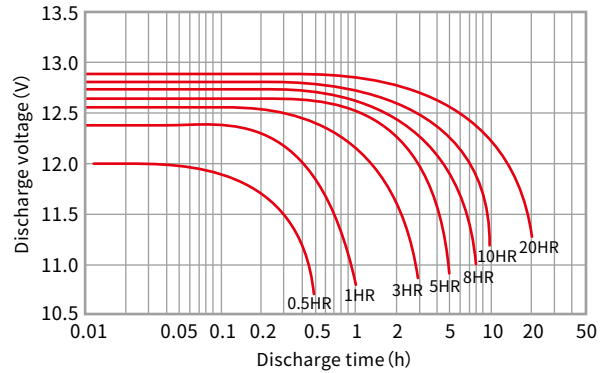
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

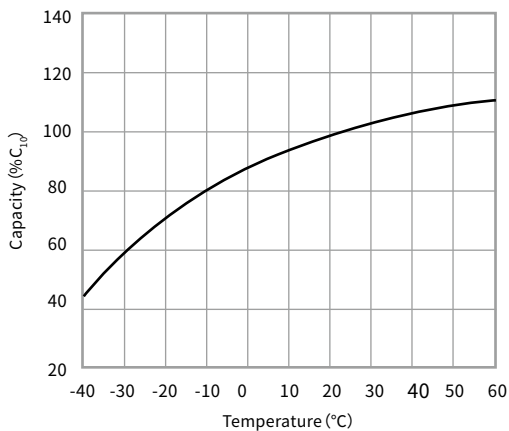
Temperature and service life



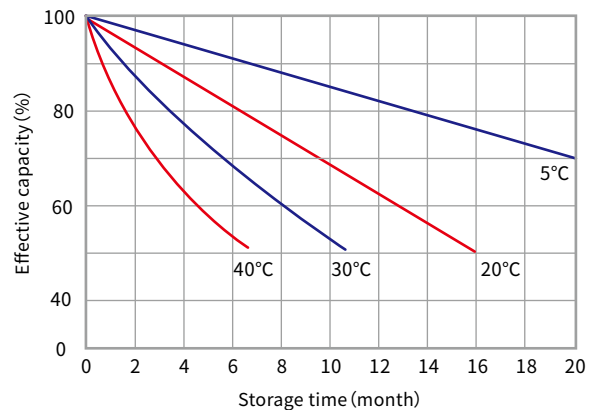
Discharge performance at different discharge rates (25°C/77°F)



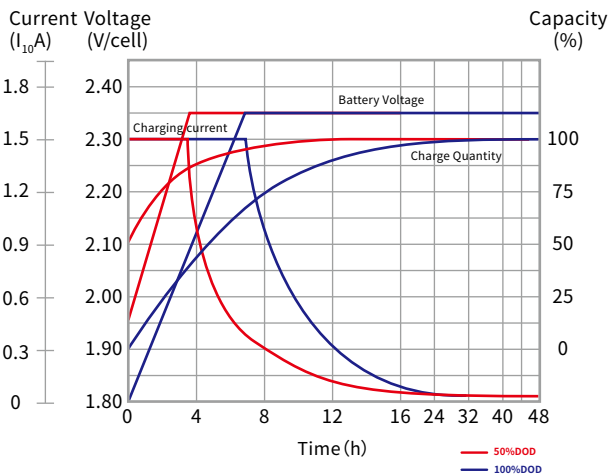
Temperature and discharge capacity



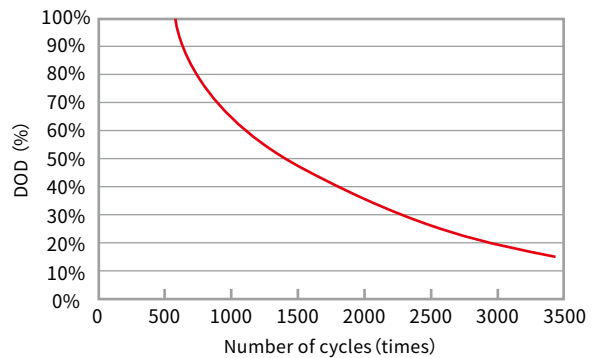
Self discharge parameters characteristics



Constant-potential charge

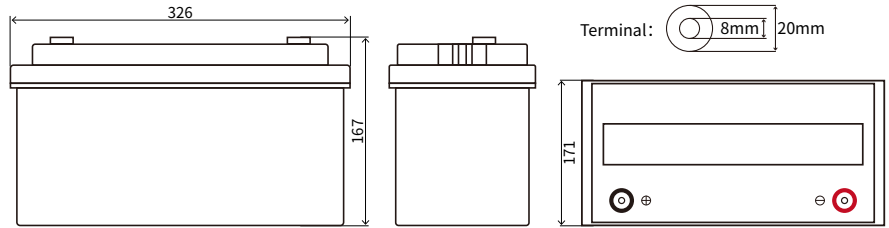


Cycle Service Life (25°C/77°F)



6-CNJ-50 GEL BATTERY

Mass solar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	50Ah	14.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy , wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	26.55	12.07	8.07	5.20	2.69	1.13	0.61	0.54	0.29
1.75	26.02	11.95	7.92	5.13	2.63	1.09	0.57	0.51	0.27
1.8	25.50	11.83	7.80	5.00	2.56	1.05	0.55	0.47	0.25
1.85	24.48	11.77	7.65	4.79	2.44	1.01	0.51	0.44	0.23
1.9	23.50	11.66	7.54	4.69	2.40	0.98	0.50	0.42	0.22
1.95	22.47	11.43	7.38	4.43	2.23	0.91	0.47	0.40	0.21

Constant current discharge coefficient(25°C, A)

Certificate

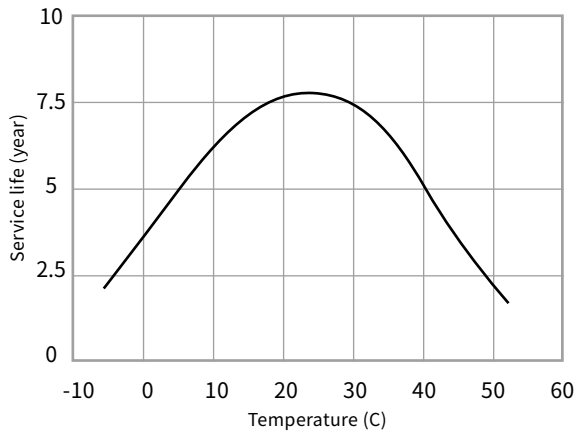
ISO9001
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CGC
TLC
High and NEW
Technology
Products Certification



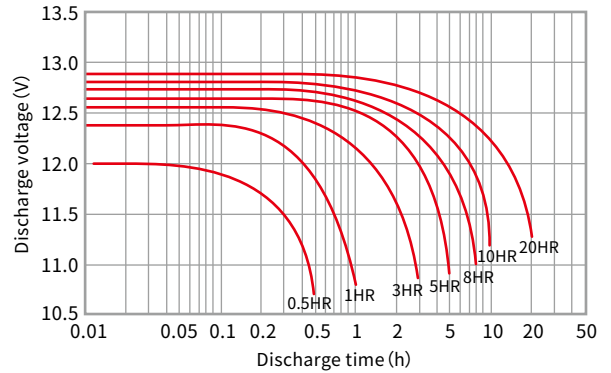
Performance characteristics

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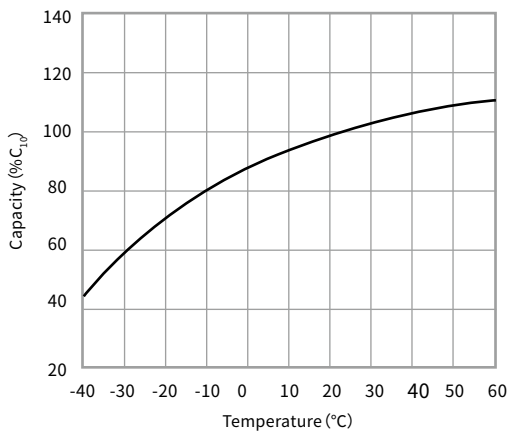
Temperature and service life



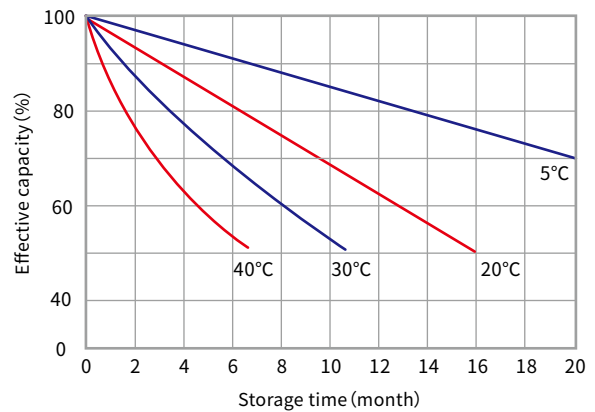
Discharge performance at different discharge rates (25°C/77°F)



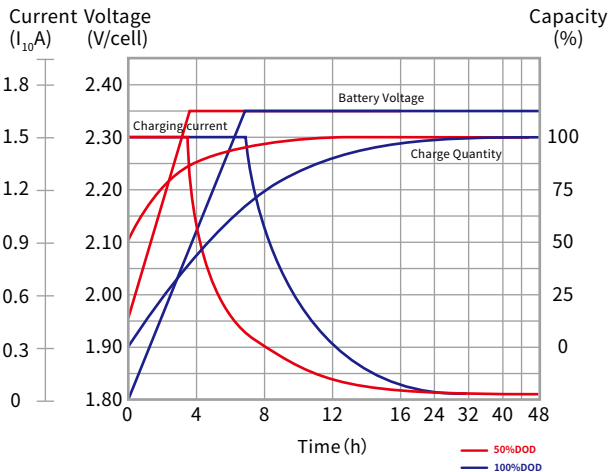
Temperature and discharge capacity



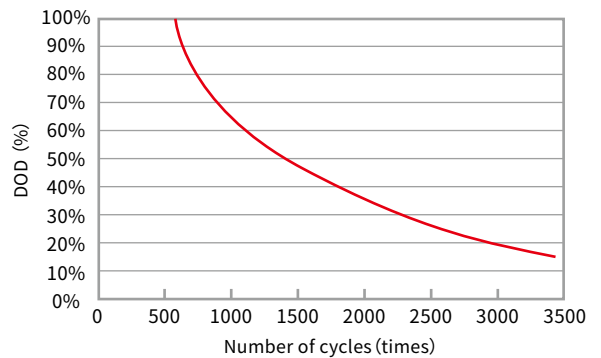
Self discharge parameters characteristics



Constant-potential charge

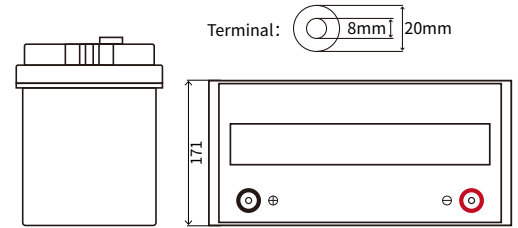
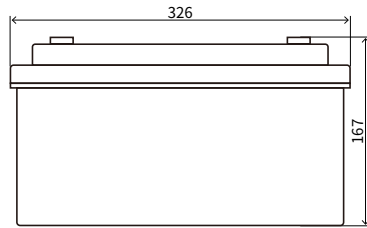


Cycle Service Life (25°C/77°F)



6-CNJ-60 GEL BATTERY

Mass solar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	60Ah	18.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	34.52	15.69	10.49	6.56	3.49	1.47	0.80	0.71	0.37
1.75	33.83	15.53	10.30	6.37	3.41	1.41	0.75	0.66	0.35
1.8	33.15	15.38	10.14	6.00	3.33	1.37	0.72	0.62	0.33
1.85	31.82	15.30	9.95	5.73	3.17	1.31	0.67	0.58	0.30
1.9	30.55	15.16	9.80	5.50	3.11	1.27	0.65	0.55	0.28
1.95	29.21	14.86	9.59	5.26	2.90	1.18	0.61	0.52	0.27

Constant current discharge coefficient(25°C, A)

Certificate

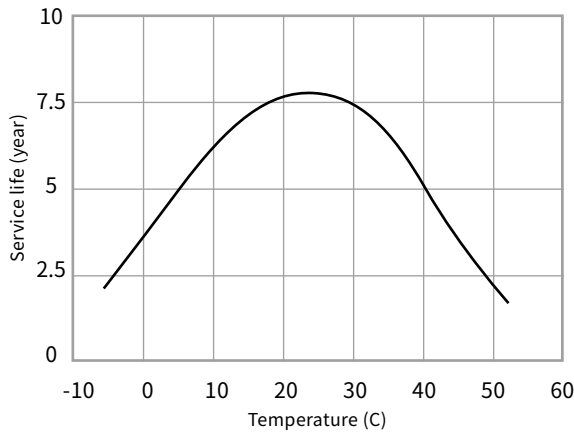
ISO9001
ISO14001
CE
CGC
TLC
High and NEW
Technology
Products Certification



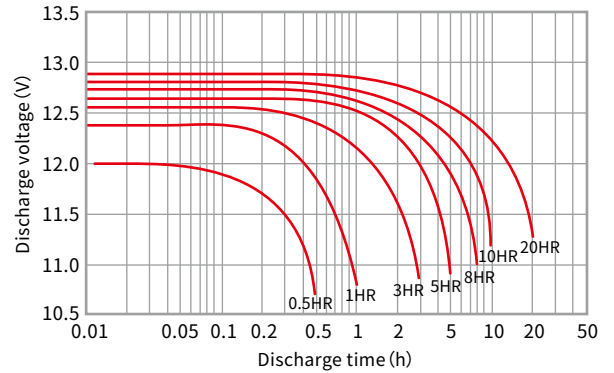
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

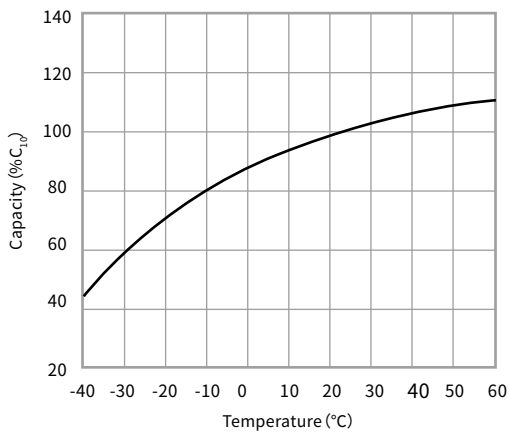
Temperature and service life



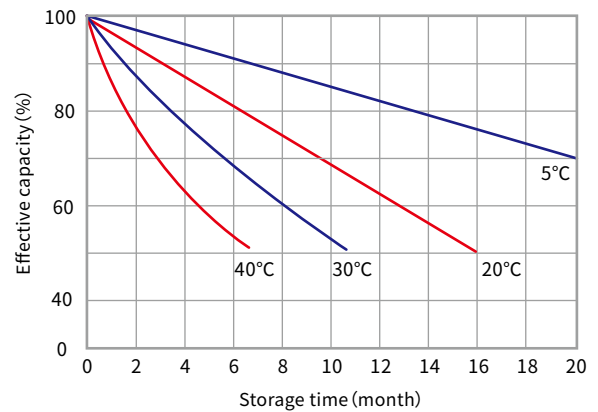
Discharge performance at different discharge rates (25°C/77°F)



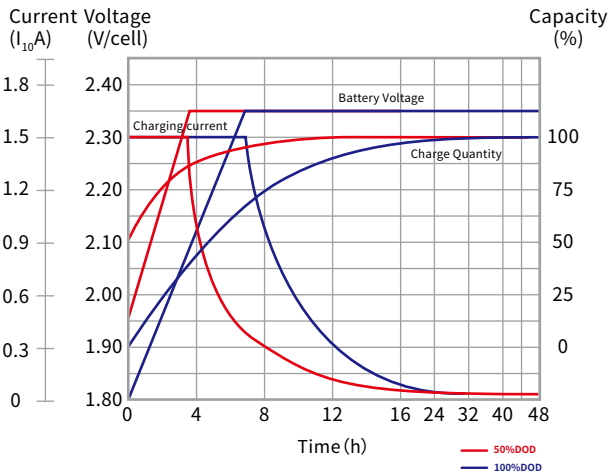
Temperature and discharge capacity



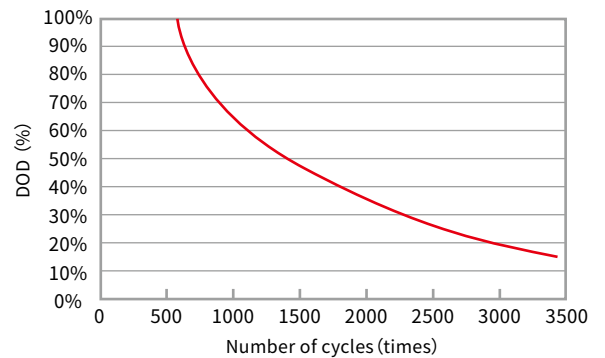
Self discharge parameters characteristics



Constant-potential charge

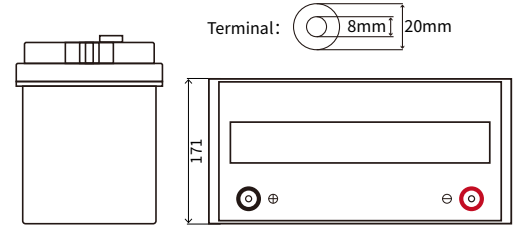
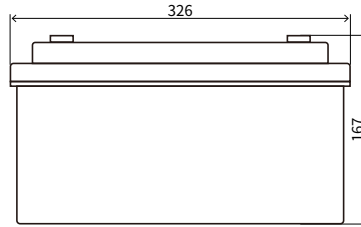


Cycle Service Life (25°C/77°F)



6-CNJ-65 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	65Ah	19Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use,Contemporary advanced technology research and development of new high-performance batteries,It can be widely used in solar energy , wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	37.38	40.49	11.36	7.32	3.78	1.59	0.87	0.77	0.40
1.75	36.64	39.68	11.15	7.22	3.69	1.53	0.81	0.71	0.38
1.8	35.90	38.89	10.98	7.04	3.61	1.48	0.78	0.67	0.36
1.85	34.46	37.32	10.77	6.75	3.43	1.42	0.72	0.63	0.32
1.9	33.08	35.83	10.61	6.60	3.37	1.37	0.70	0.59	0.30
1.95	36.63	34.26	10.38	6.24	3.14	1.28	0.66	0.56	0.29

Constant current discharge coefficient(25°C, A)

Certificate

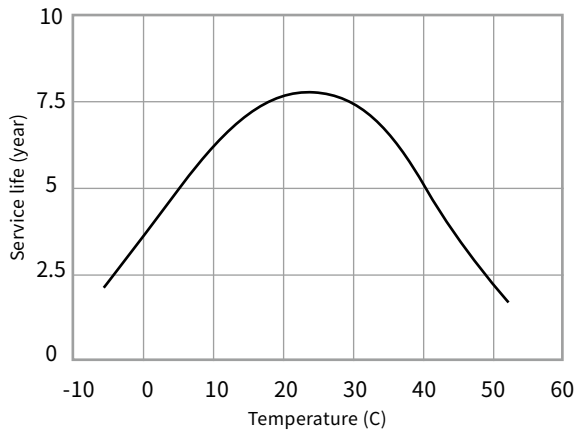
ISO9001
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High and NEW
Technology
Products Certification



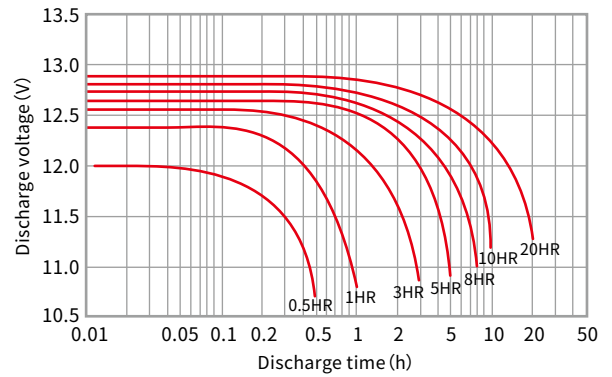
Performance characteristics

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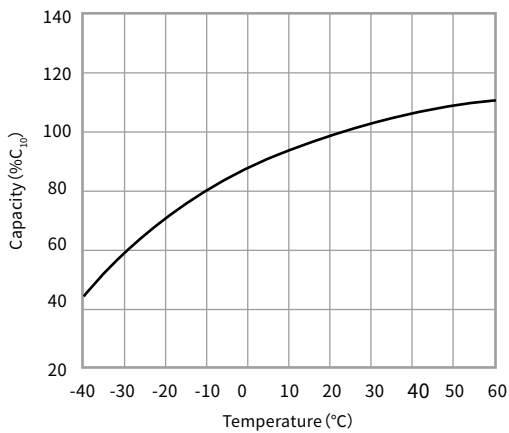
Temperature and service life



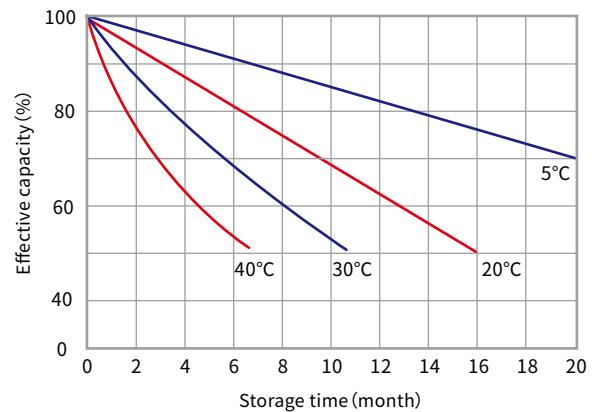
Discharge performance at different discharge rates (25°C/77°F)



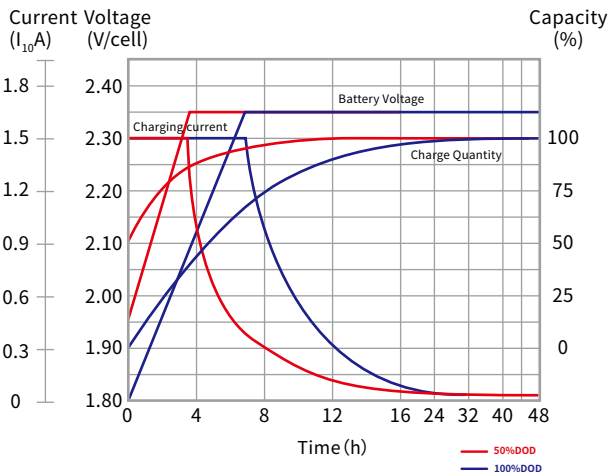
Temperature and discharge capacity



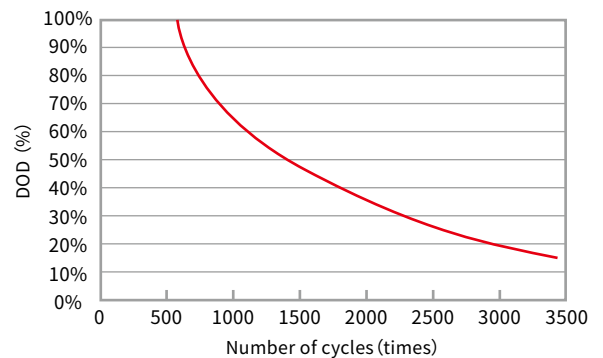
Self discharge parameters characteristics



Constant-potential charge

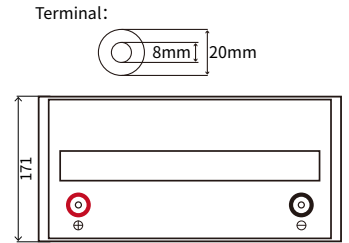
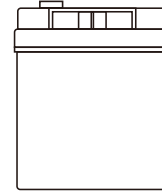
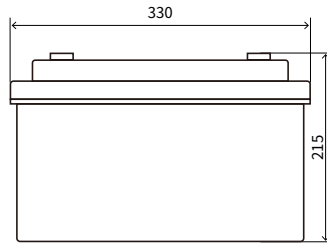


Cycle Service Life (25°C/77°F)



6-CNJ-70 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	70Ah	22.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	37.17	16.90	11.29	7.28	3.76	1.58	0.86	0.76	0.40
1.75	36.43	16.73	11.09	7.18	3.68	1.52	0.80	0.71	0.37
1.8	35.70	16.57	10.92	7.00	3.59	1.47	0.77	0.66	0.35
1.85	34.27	16.47	10.71	6.71	3.41	1.41	0.72	0.62	0.32
1.9	32.90	16.33	10.55	6.57	3.35	1.37	0.70	0.59	0.30
1.95	31.46	16.00	10.33	6.21	3.12	1.27	0.66	0.56	0.29

Constant current discharge coefficient(25°C, A)

Certificate

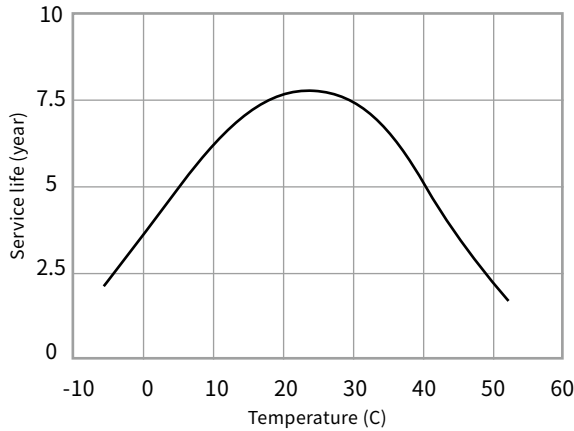
ISO9001
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TLC
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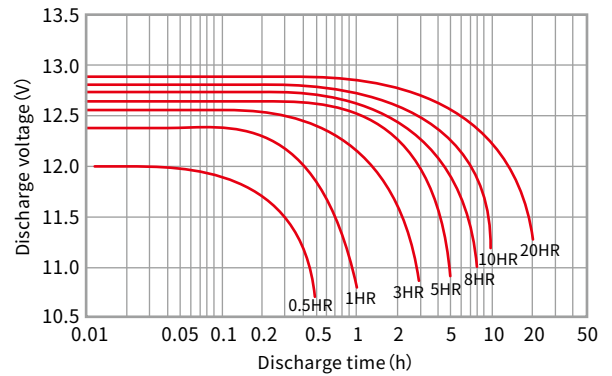
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

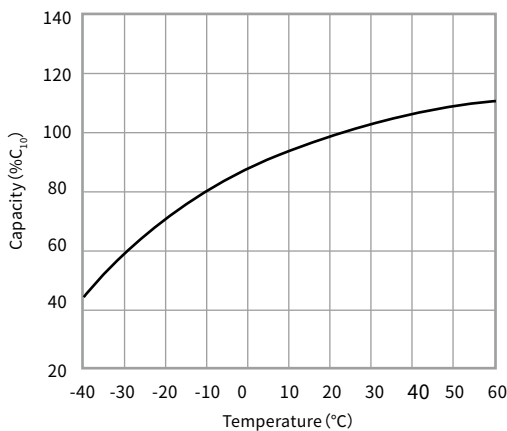
Temperature and service life



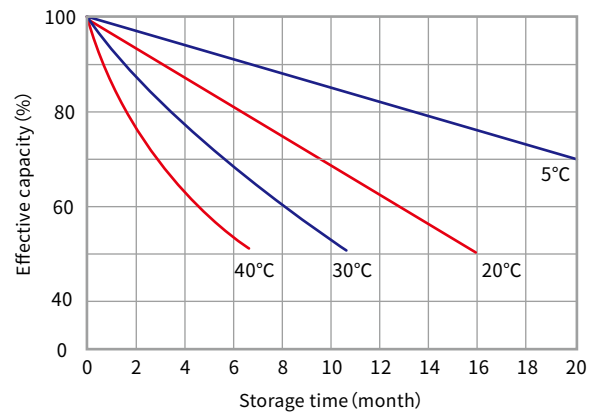
Discharge performance at different discharge rates (25°C/77°F)



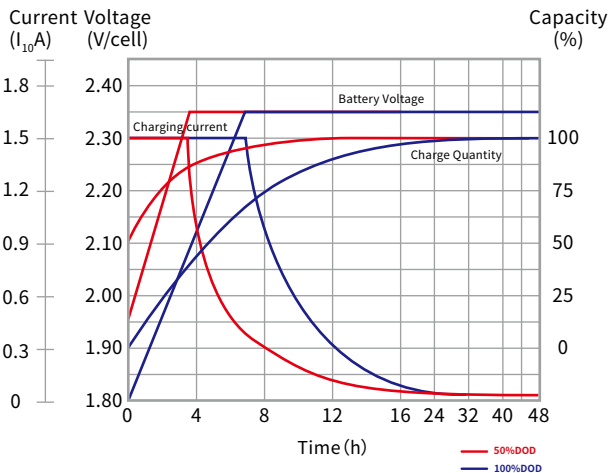
Temperature and discharge capacity



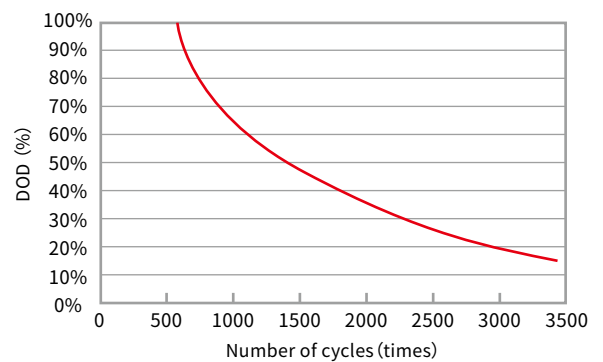
Self discharge parameters characteristics



Constant-potential charge

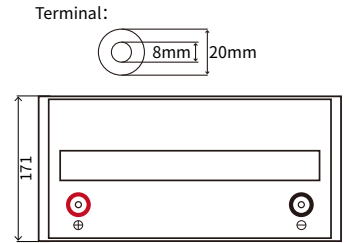
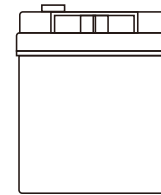
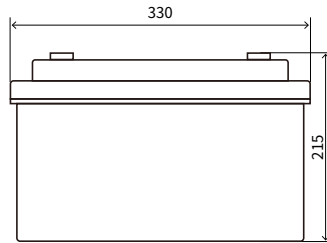


Cycle Service Life (25°C/77°F)



6-CNJ-80 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	80Ah	24.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: 20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	42.48	19.31	12.91	8.33	4.30	1.81	0.98	0.87	0.46
1.75	41.63	19.11	12.68	8.21	4.20	1.74	0.92	0.81	0.43
1.8	40.80	18.93	12.48	8.00	4.10	1.68	0.88	0.76	0.41
1.85	39.17	18.83	12.24	7.67	3.90	1.61	0.82	0.71	0.37
1.9	37.61	18.66	12.06	7.51	3.83	1.56	0.79	0.68	0.35
1.95	35.95	18.29	11.81	7.09	3.57	1.45	0.75	0.65	0.33

Constant current discharge coefficient(25°C, A)

Certificate

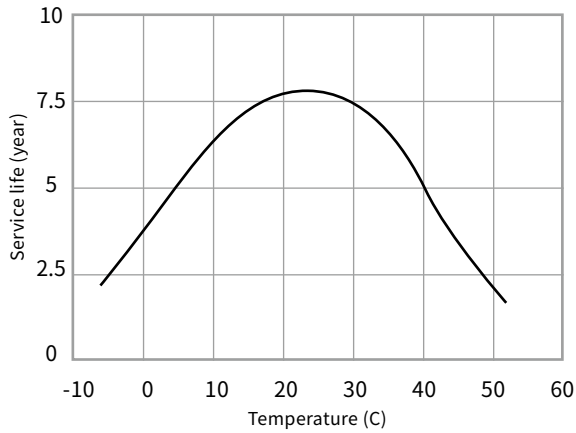
ISO9001
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CE
CGC
TLC
High and NEW
Technology
Products Certification



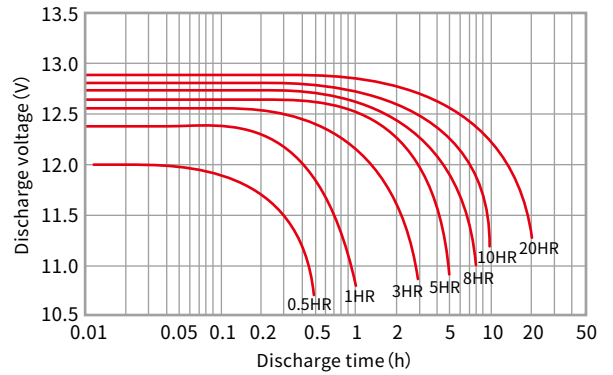
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

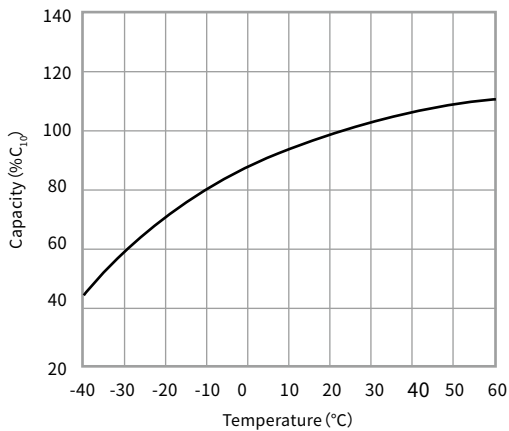
Temperature and service life



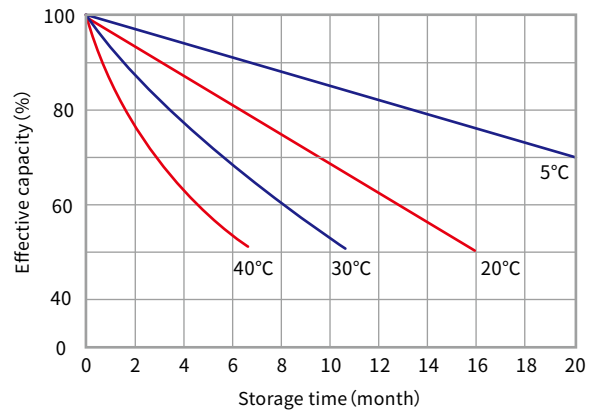
Discharge performance at different discharge rates (25°C/77°F)



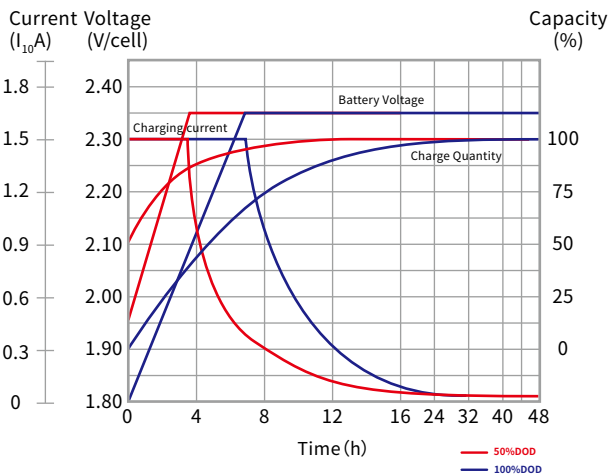
Temperature and discharge capacity



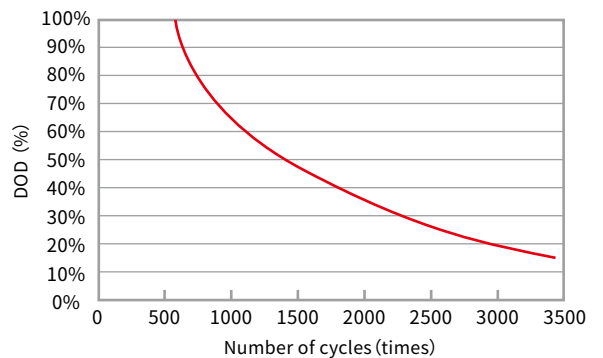
Self discharge parameters characteristics



Constant-potential charge

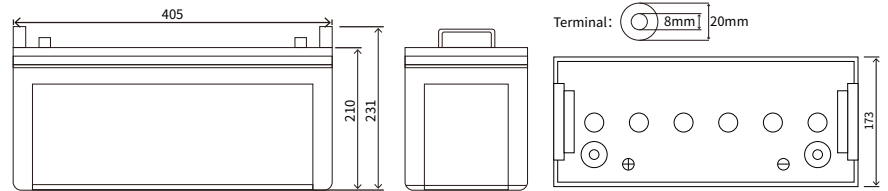


Cycle Service Life (25°C/77°F)



6-CNJ-90 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	90Ah	28.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	47.79	21.73	14.52	9.37	4.84	2.03	1.10	0.98	0.52
1.75	46.84	21.50	14.26	9.23	4.73	1.96	1.03	0.91	0.48
1.8	45.90	21.30	14.04	9.00	4.61	1.89	0.99	0.85	0.46
1.85	44.06	21.18	13.77	8.63	4.39	1.81	0.92	0.80	0.41
1.9	42.31	20.99	13.57	8.45	4.31	1.76	0.89	0.76	0.39
1.95	40.45	20.57	13.28	7.98	4.01	1.63	0.85	0.73	0.37

Constant current discharge coefficient(25°C, A)

Certificate

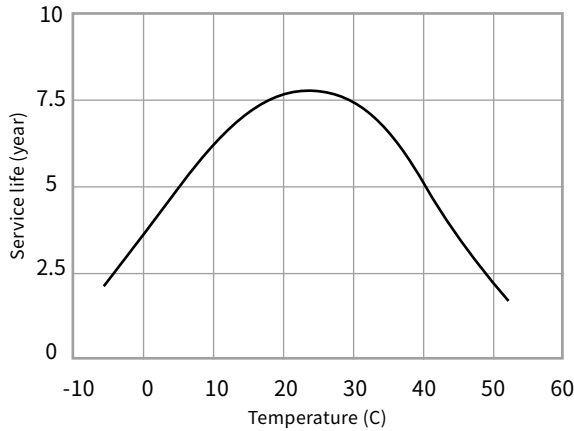
ISO9001
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Products Certification



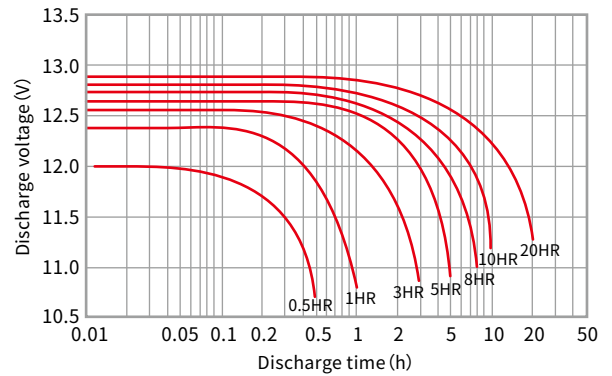
Performance characteristics

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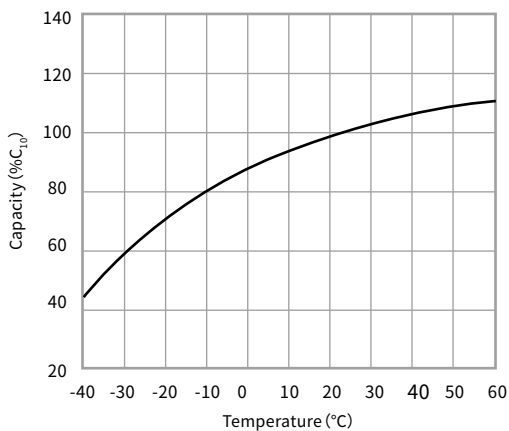
Temperature and service life



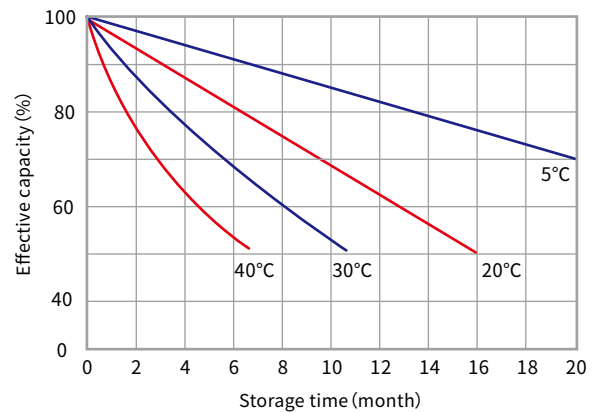
Discharge performance at different discharge rates (25°C/77°F)



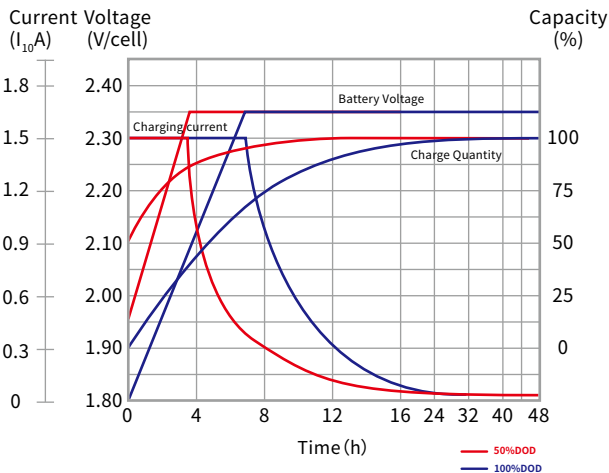
Temperature and discharge capacity



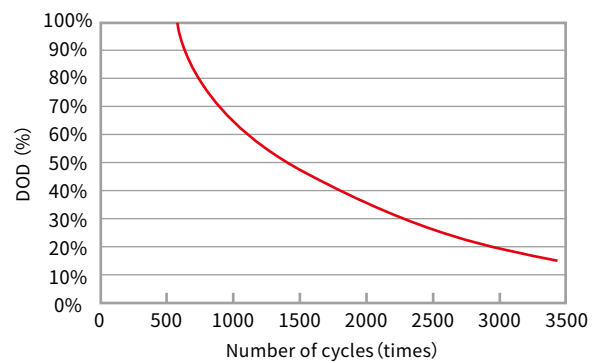
Self discharge parameters characteristics



Constant-potential charge

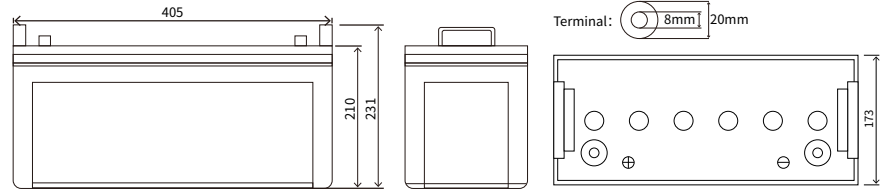


Cycle Service Life (25°C/77°F)



6-CNJ-100 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	100Ah	30Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	55.22	25.11	16.78	10.82	5.59	2.35	1.28	1.13	0.60
1.75	54.12	24.85	16.48	10.67	5.46	2.26	1.19	1.05	0.55
1.8	53.04	24.61	16.22	10.40	5.33	2.18	1.14	0.98	0.53
1.85	50.92	24.47	15.91	9.97	5.07	2.09	1.07	0.92	0.48
1.9	48.89	24.26	15.68	9.76	4.98	2.03	1.03	0.88	0.45
1.95	46.74	23.77	15.35	9.22	4.64	1.89	0.98	0.84	0.43

Constant current discharge coefficient(25°C, A)

Certificate

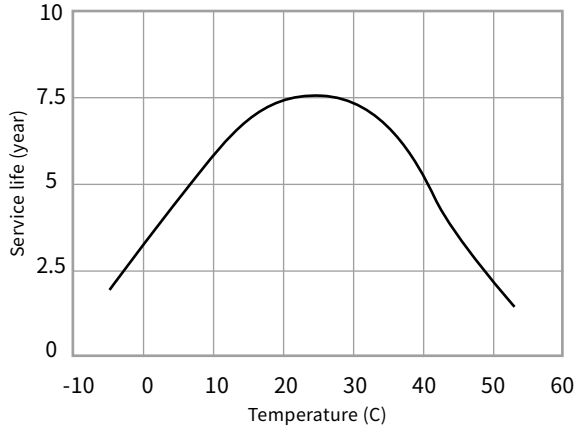
ISO9001
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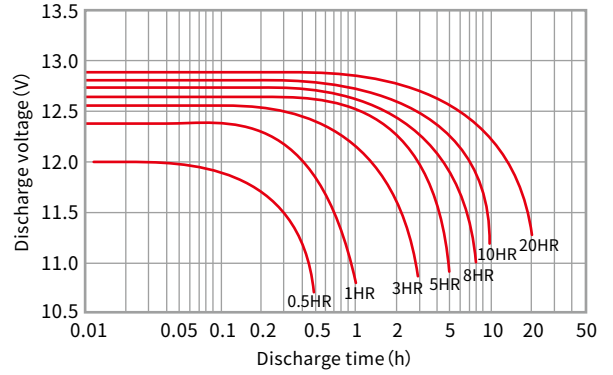
Performance characteristics

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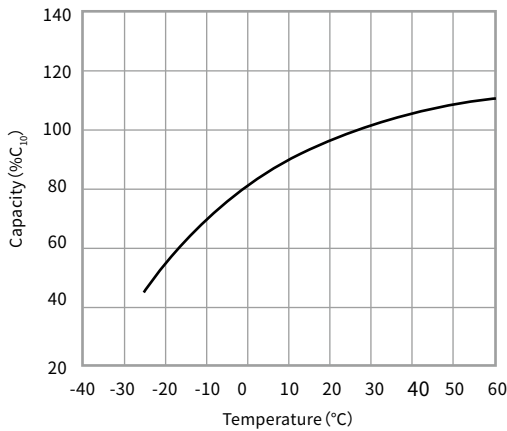
Temperature and service life



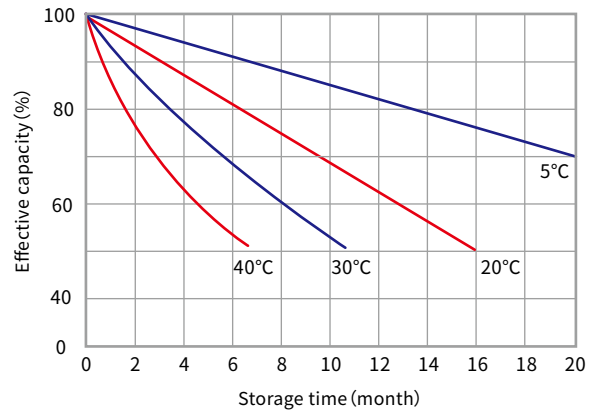
Discharge performance at different discharge rates (25°C/77°F)



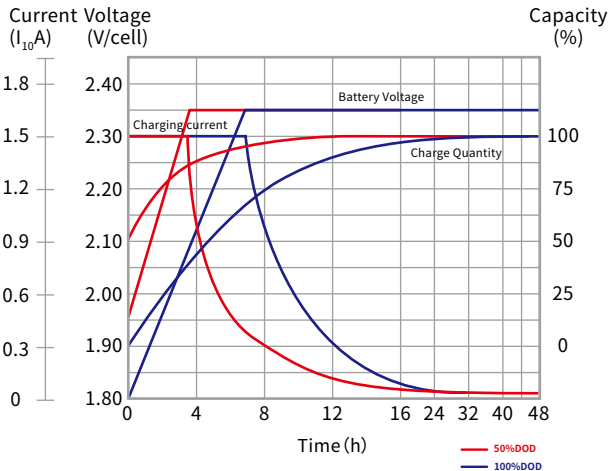
Temperature and discharge capacity



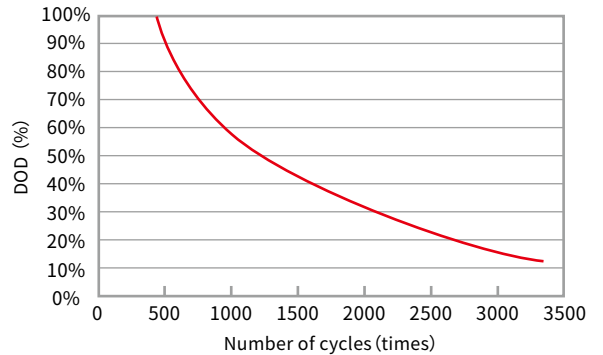
Self discharge parameters characteristics



Constant-potential charge

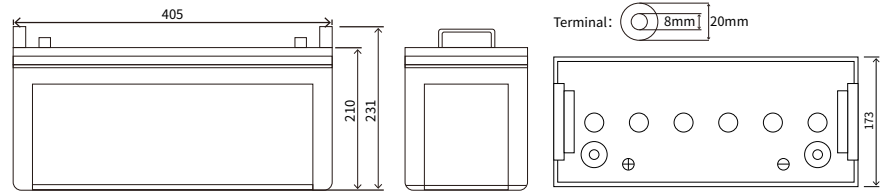


Cycle Service Life (25°C/77°F)



6-CNJ-120 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr, 1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	120Ah	32Kg	$30I_{10}A(3min)$	$\leq 0.25C_{10}$	$\leq 3\%/month$	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: $2.275 \pm 0.025V/Cell$		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: $\pm 3mV/Cell \text{ } ^\circ C$		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: $2.45 \pm 0.05V/Cell$		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient $\pm 5mV/Cell \text{ } ^\circ C$					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	63.72	28.96	19.35	12.49	6.45	2.71	1.47	1.31	0.68
1.75	62.45	28.67	19.02	12.31	6.30	2.60	1.38	1.21	0.63
1.8	61.20	28.40	18.72	12.00	6.15	2.52	1.32	1.14	0.61
1.85	58.75	28.23	18.36	11.51	5.85	2.41	1.23	1.06	0.55
1.9	56.41	27.99	18.08	11.26	5.75	2.34	1.19	1.02	0.52
1.95	53.93	27.43	17.71	11.84	5.35	2.17	1.13	0.97	0.49

Constant current discharge coefficient(25°C, A)

Certificate

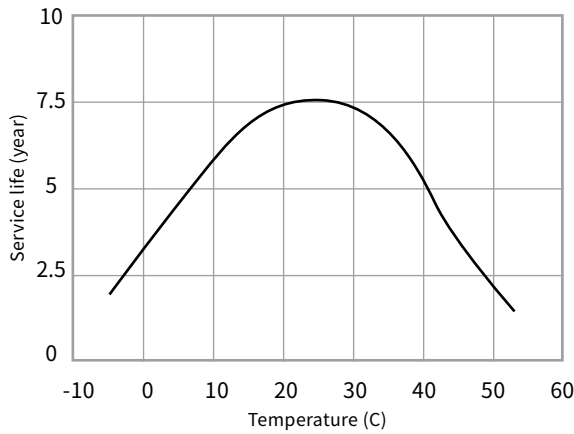
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Products Certification



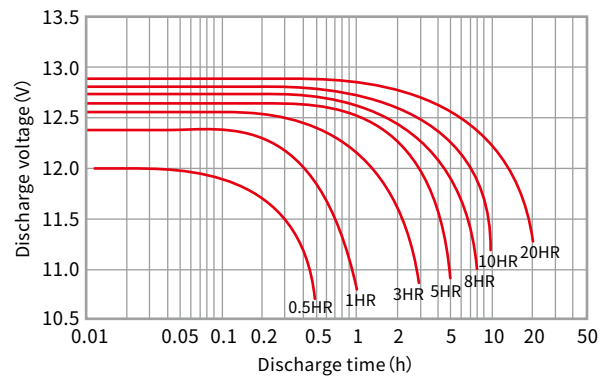
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

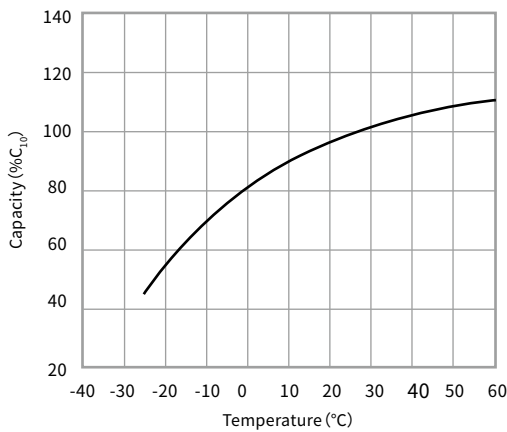
Temperature and service life



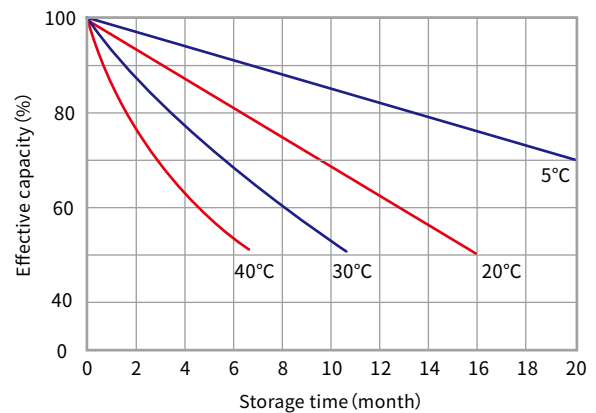
Discharge performance at different discharge rates (25°C/77°F)



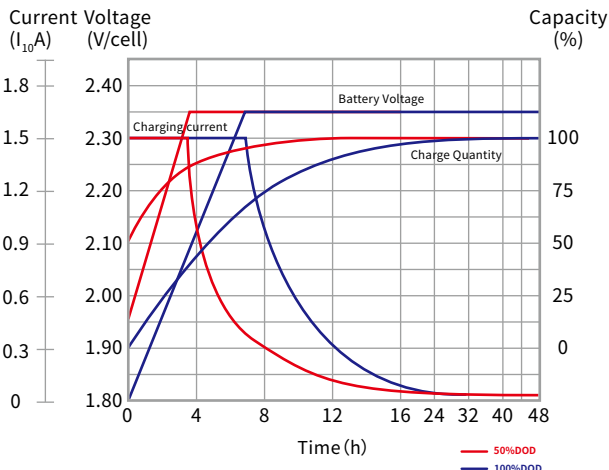
Temperature and discharge capacity



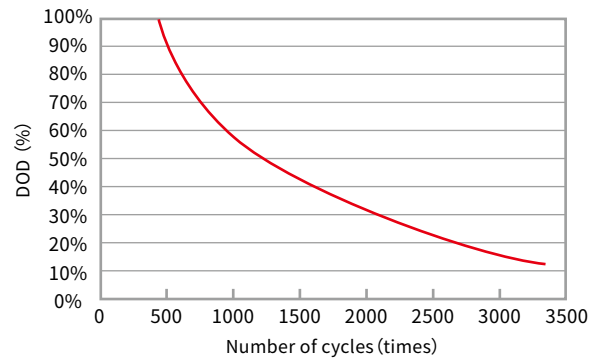
Self discharge parameters characteristics



Constant-potential charge

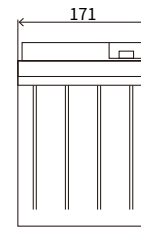
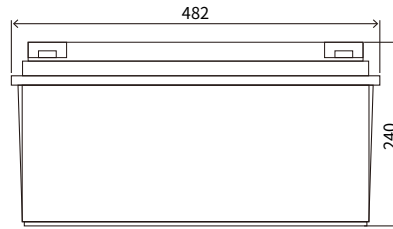


Cycle Service Life (25°C/77°F)

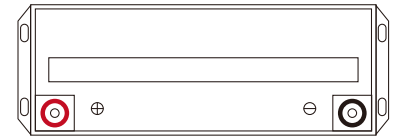


6-CNJ-150 GEL BATTERY

Massolar



Terminal: 8mm 20mm



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	150Ah	40.1Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use,Contemporary advanced technology research and development of new high-performance batteries,It can be widely used in solar energy , wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	79.65	36.21	24.20	15.61	8.06	3.39	1.84	1.63	0.86
1.75	78.06	35.84	23.77	15.39	7.88	3.26	1.72	1.52	0.80
1.8	76.50	35.50	23.40	15.00	7.69	3.15	1.65	1.42	0.76
1.85	73.44	35.30	22.95	14.38	7.31	3.02	1.54	1.33	0.69
1.9	70.51	34.99	22.61	14.08	7.19	2.93	1.49	1.27	0.65
1.95	67.41	34.29	22.14	13.30	6.69	2.72	1.41	1.21	0.62

Constant current discharge coefficient(25°C, A)

Certificate

ISO9001
ISO14001
CE
CGC
TLC
High and NEW
Technology
Products Certification



Pb



Pb



通信产品认证



生产许可



国家高新技术企业



国家太阳能
光伏研究所



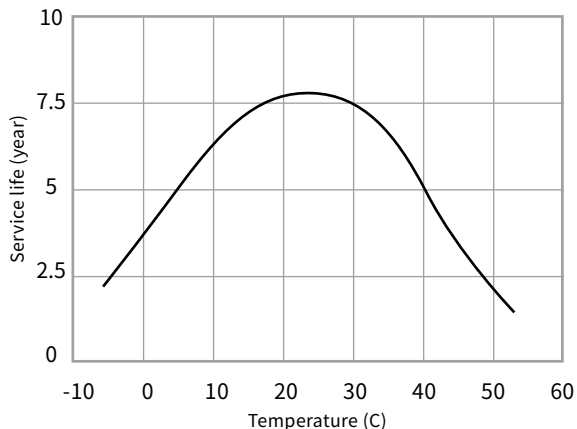
国家免检产品



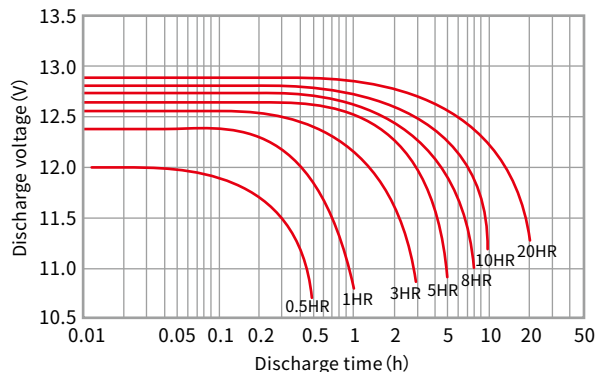
Performance characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

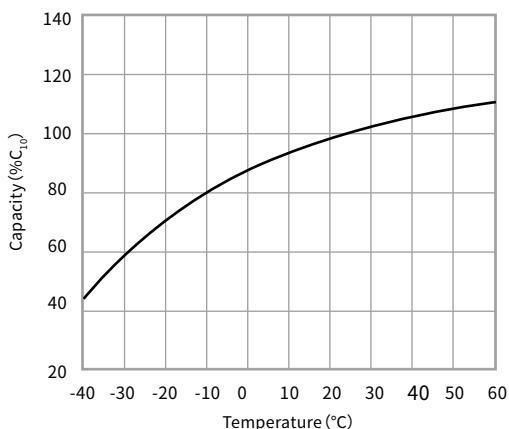
Temperature and service life



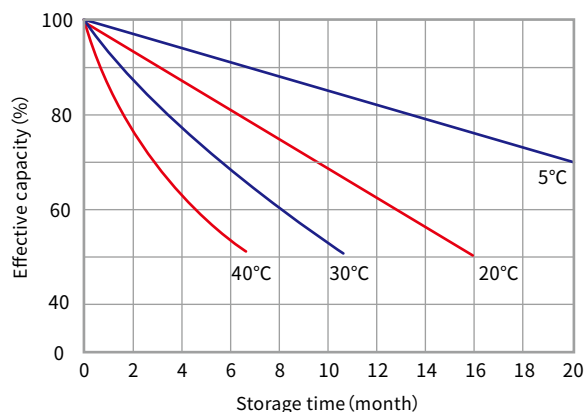
Discharge performance at different discharge rates (25°C/77°F)



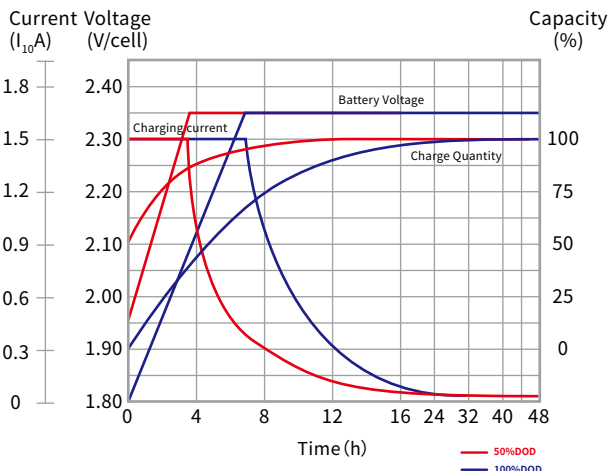
Temperature and discharge capacity



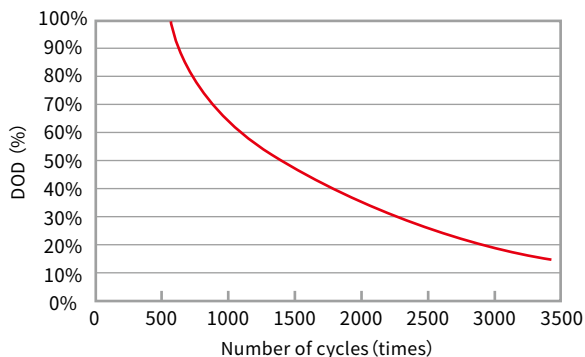
Self discharge parameters characteristics



Constant-potential charge

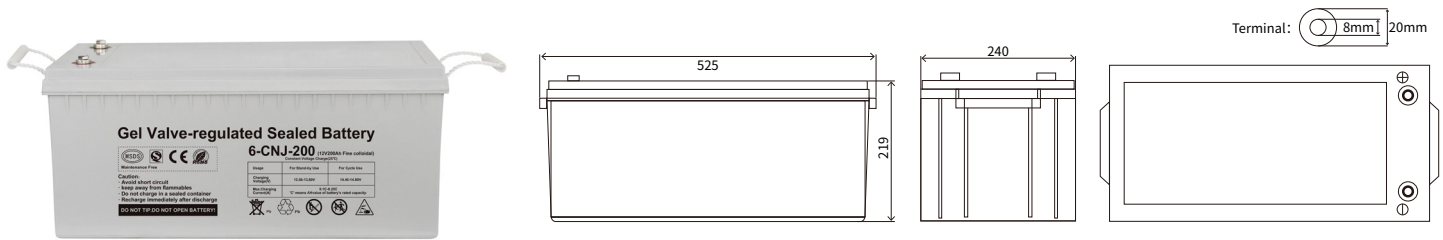


Cycle Service Life (25°C/77°F)



6-CNJ-200 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	200Ah	55.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use, Contemporary advanced technology research and development of new high-performance batteries, It can be widely used in solar energy, wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	106.20	48.28	32.27	20.81	10.75	4.52	2.45	2.17	1.15
1.75	104.08	47.79	31.69	20.52	10.50	4.35	2.29	2.03	1.07
1.8	102.00	47.33	31.20	20.00	10.25	4.20	2.20	1.89	1.01
1.85	97.92	47.07	30.60	19.17	9.75	4.03	2.05	1.77	0.92
1.9	94.01	46.65	30.15	18.77	9.58	3.91	1.99	1.69	0.87
1.95	89.88	45.72	29.52	17.73	8.92	3.63	1.88	1.61	0.83

Constant current discharge coefficient(25°C, A)

Certificate

ISO9001
ISO14001
CE
CGC
TLC
High and NEW
Technology
Products Certification



Pb

Pb

通信产品认证

生产许可

国家高新技术企业

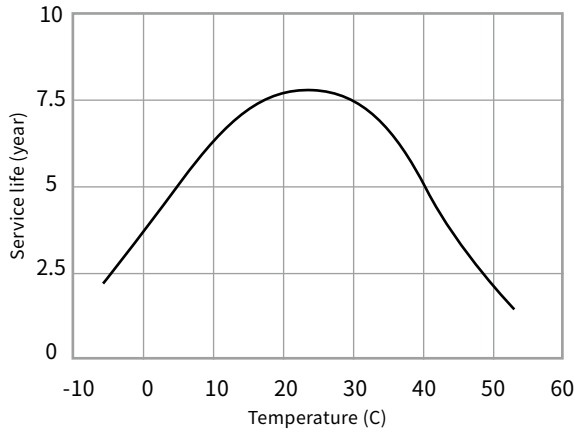
国家金太阳
优质供应商

国家免检产品

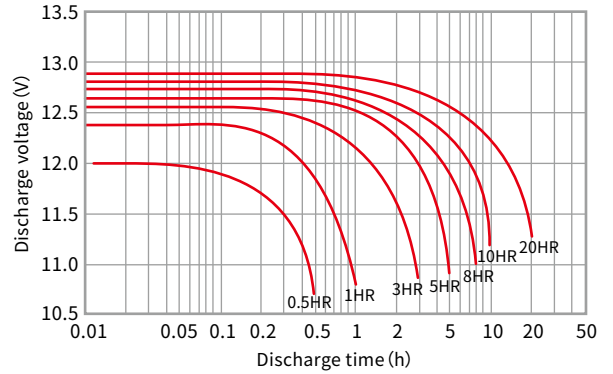
Performance characteristics

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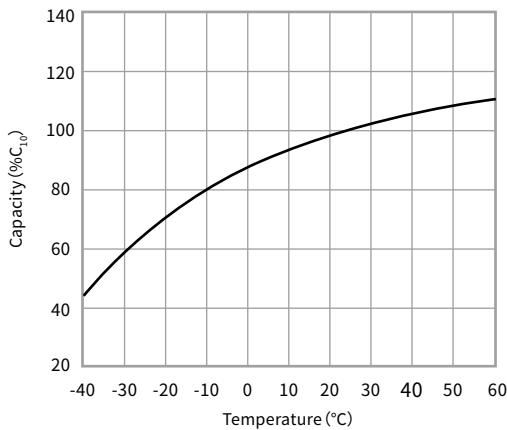
Temperature and service life



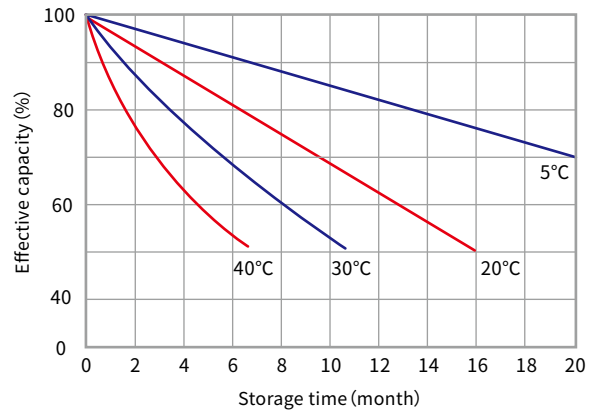
Discharge performance at different discharge rates (25°C/77°F)



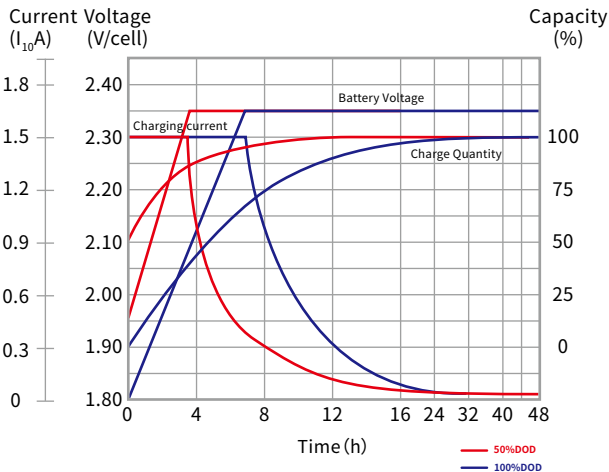
Temperature and discharge capacity



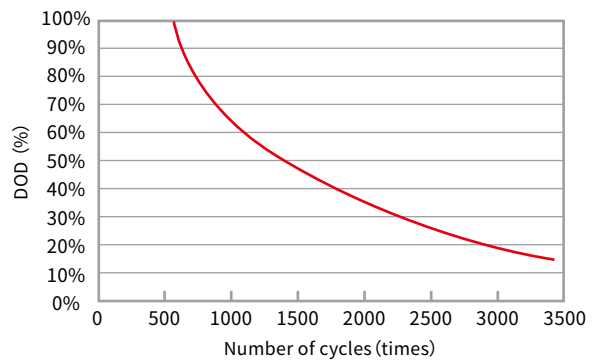
Self discharge parameters characteristics



Constant-potential charge

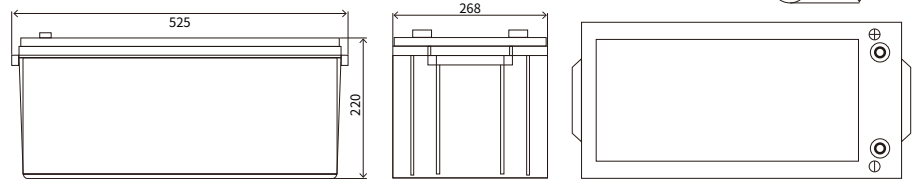


Cycle Service Life (25°C/77°F)



6-CNJ-250 GEL BATTERY

Massolar



Technology data

Rated voltage	Capacity (10hr,1.80V/Cell)	Weight	Max discharge current	Max charging current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	250Ah	65.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life	Capacity Affected by Temperature		
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

battery, Maintenance free and easy to use,Contemporary advanced technology research and development of new high-performance batteries,It can be widely used in solar energy , wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

Different discharge time at different terminal Voltage, discharge time(Amps,25)

Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	132.75	60.35	40.33	26.02	13.44	5.65	3.07	2.72	1.43
1.75	130.10	59.73	39.62	25.65	13.13	5.43	2.87	2.53	1.33
1.8	127.50	59.17	39.00	25.00	12.81	5.25	2.75	2.37	1.27
1.85	122.40	58.83	38.25	23.97	12.19	5.03	2.57	2.22	1.15
1.9	117.52	58.32	37.68	23.47	11.98	4.88	2.48	2.12	1.08
1.95	112.35	57.15	36.90	22.17	11.15	4.53	2.35	2.02	1.03

Constant current discharge coefficient(25°C, A)

Certificate

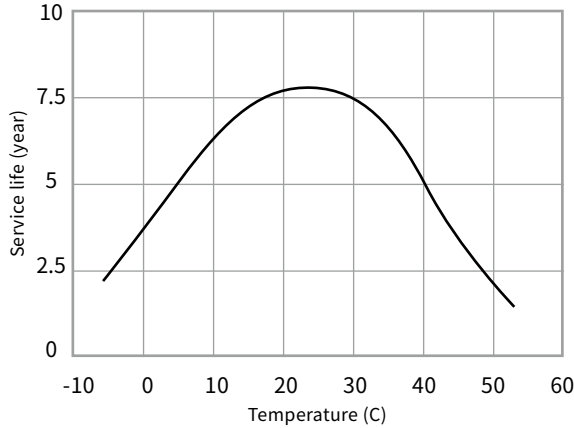
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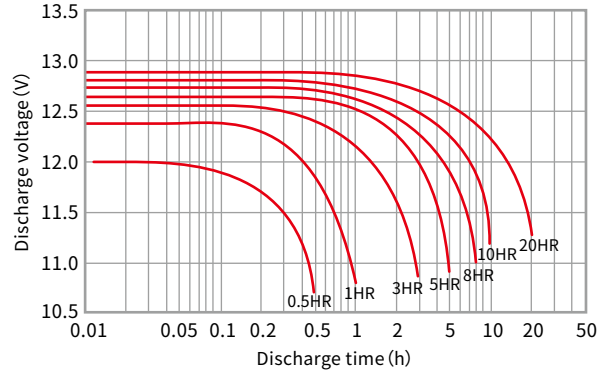
Performance characteristics

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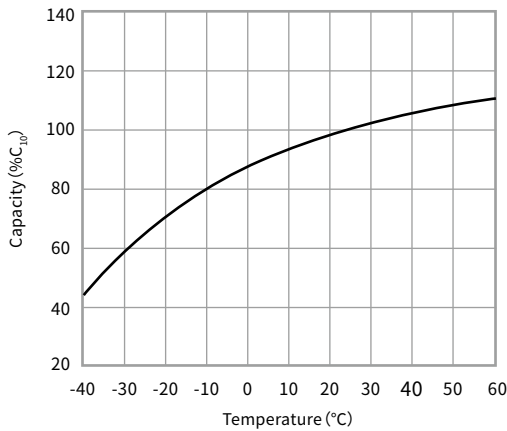
Temperature and service life



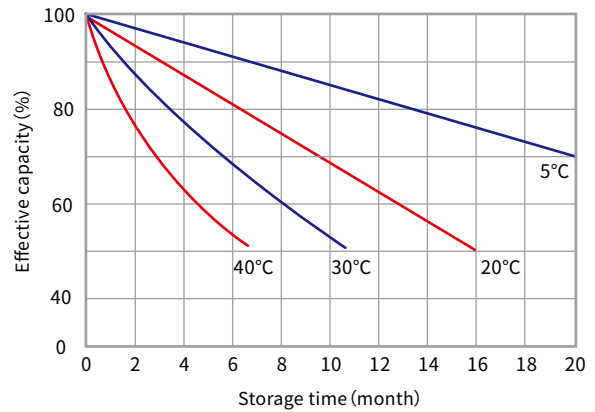
Discharge performance at different discharge rates (25°C/77°F)



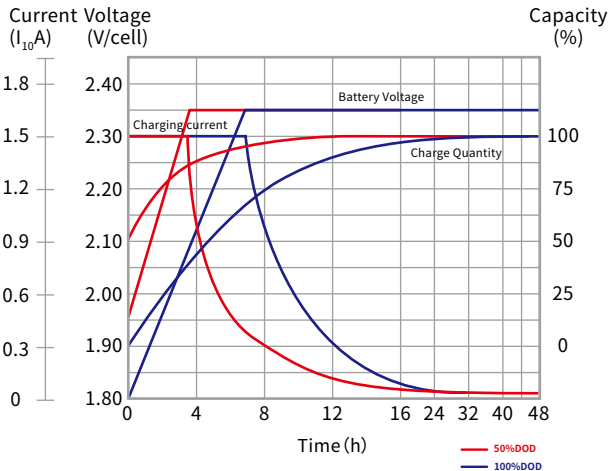
Temperature and discharge capacity



Self discharge parameters characteristics



Constant-potential charge



Cycle Service Life (25°C/77°F)

