

CELL POWER

PRODUCT

Lead Carbon Series

RANGE

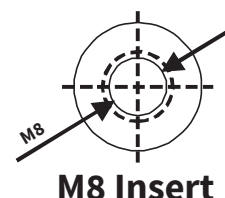
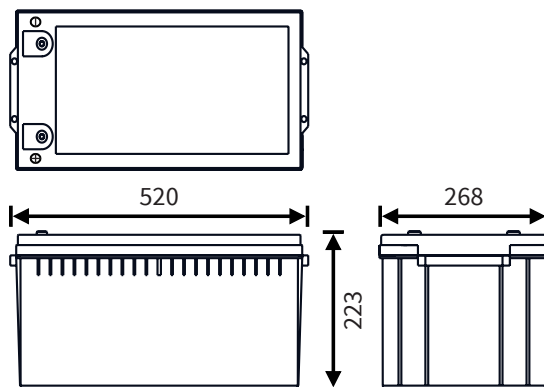
Nr.	Discription	Voltage (V)	Capacity (Ah)	Dimensions (LxWxH)	Weight (kg)
CPXC 38 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 38Ah	12	38	197 x 165 x 172 mm	12.5
CPXC 45 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 45Ah	12	45	197 x 165 x 172 mm	15
CPXC 55 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 55Ah	12	55	223 x 136 x 177 mm	15
CPXC 56 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 56Ah	12	56	230 x 138 x 215 mm	17.5
CPXC 68 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 68Ah	12	68	262 x 165 x 169 mm	19.5
CPXC 78 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 78Ah	12	78	260 x 168 x 210 mm	26
CPXC 130 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 130Ah	12	130	330 x 172 x 214 mm	34.5
CPXC 135 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 135Ah	12	135	336 x 172 x 279 mm	45
CPXC 200 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 200Ah	12	200	522 x 240 x 222 mm	61.5
CPXC 250 - 12 HE	Cellpower High Energy Lead Carbon accu 12V - 250Ah	12	250	520 x 268 x 223 mm	71
CPXC 225 - 6 HE	Cellpower High Energy Lead Carbon accu 6V - 225Ah	6	225	243 x 188 x 275 mm	31.7
CPXC 250 - 6 HE	Cellpower High Energy Lead Carbon accu 6V - 250Ah	6	250	260 x 180 x 273 mm	35
CPXC 300 - 6 HE	Cellpower High Energy Lead Carbon accu 6V - 300Ah	6	300	295 x 178 x 360 mm	47

CPXC 250-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 272.0 Ah
	10Hr: 258.0 Ah
	5Hr: 232.5 Ah
	1Hr: 168.0 Ah
Internal resistance	≤2.7mΩ (fully charged)
Maximum charge current	62.5 A
Maximum discharge current	3000 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M8 (10.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	520 mm
Dimensions Width	268 mm
Dimensions Height	223 mm
Approximate Weight	71.00 kg
Packing	1 pcs / box

Recommended

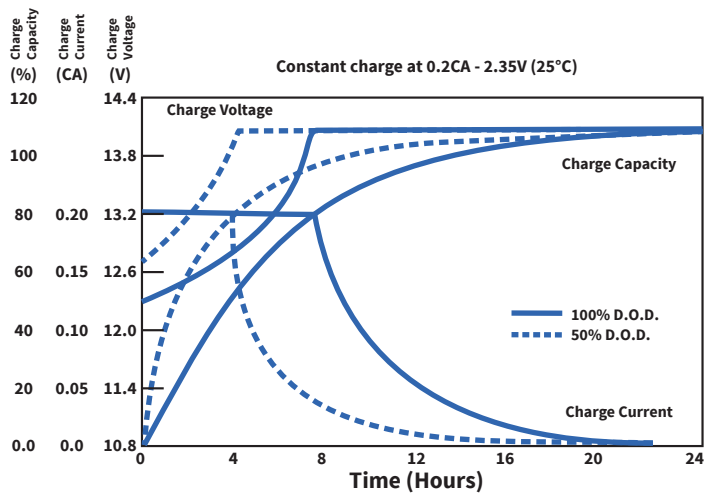
Having the right battery is often just the beginning. Optimal use of a battery requires having a good battery charger, so that the user can be sure that their battery is always optimally charged and has maximum lifespan.

Cellpower offers various intelligent battery chargers, as well as battery testers, battery monitors and battery guards. All designed to easily monitor the battery quality and make sure the battery remains in the best condition possible.

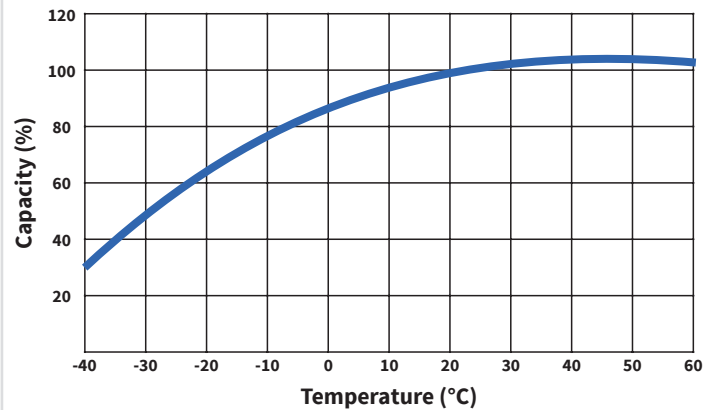


Recommended for CPXC 250-12 HE

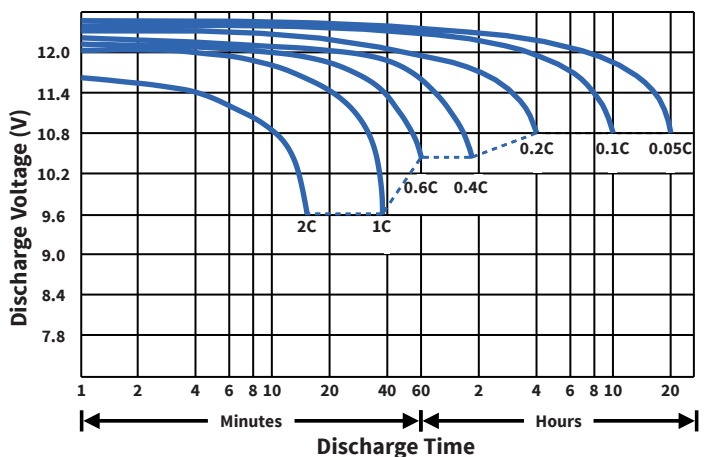
Charge characteristics



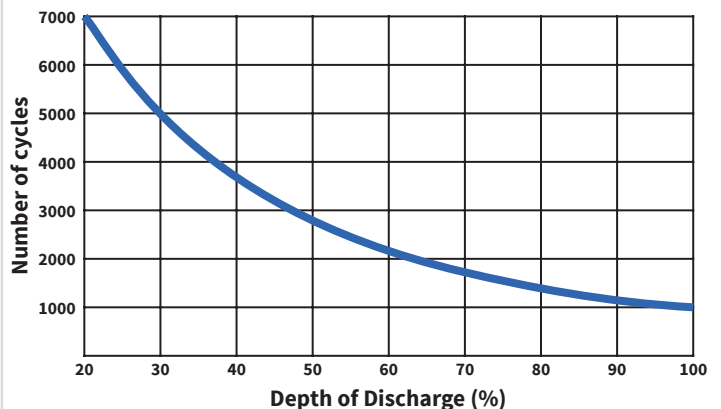
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

Cellpower family

Cellpower supplies a broad range of reliable AGM, GEL and Lithium batteries. Each product series has its own unique characteristics, so that there is a suitable battery for every application with its associated specific usage profile. Combined with the right Cellpower battery accessories, you are able to assemble a high-quality and reliable battery system.

The sealed, maintenance-free AGM lead battery type has a long operational lifetime. When used correctly, the Absorbent Glass Mat (AGM) technology offers dependable, lasting service. Additionally, AGM batteries exhibit very little self-discharge when compared with other lead-acid batteries. Sealed lead-acid batteries require low maintenance and do not need to be refilled with water or other liquids.

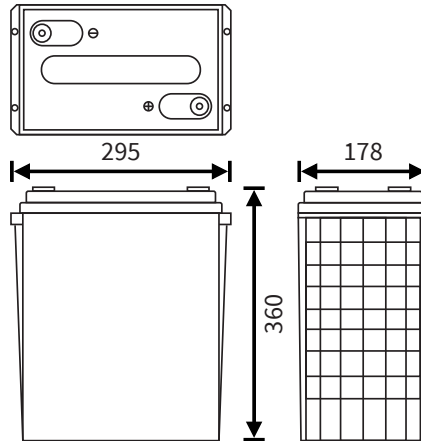


CPXC 300-6 HE

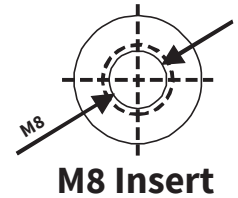
Cyclic Lead Carbon battery (2800 cycles)



Dimensions (mm)



Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	6 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 344.0 Ah
	10Hr: 315.0 Ah
	5Hr: 272.5 Ah
	1Hr: 180.0 Ah
Internal resistance	≤2.2mΩ (fully charged)
Maximum charge current	82.5 A
Maximum discharge current	3200 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	6.75 - 6.90V / 7.20 - 7.50V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M8 (10.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	295 mm
Dimensions Width	178 mm
Dimensions Height	360 mm
Approximate Weight	47.00 kg
Packing	1 pcs / box

Recommended

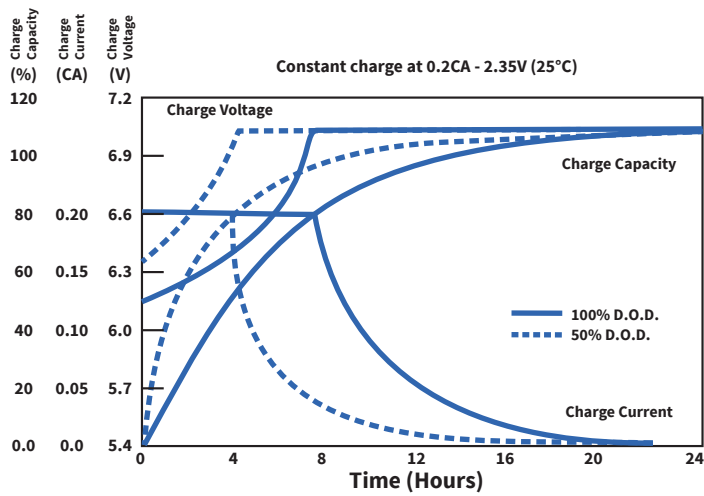
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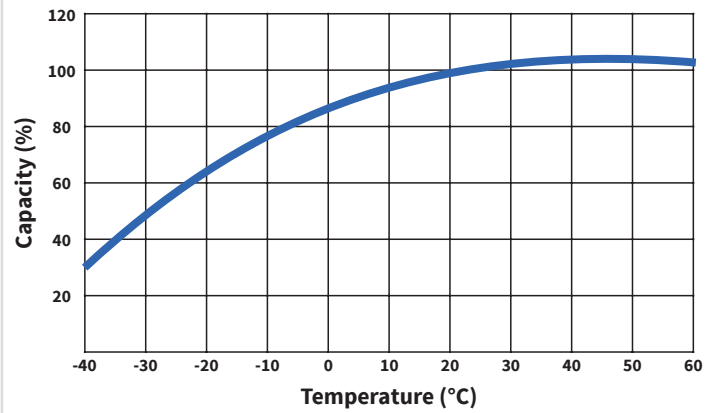


Recommended for CPXC 300-6 HE

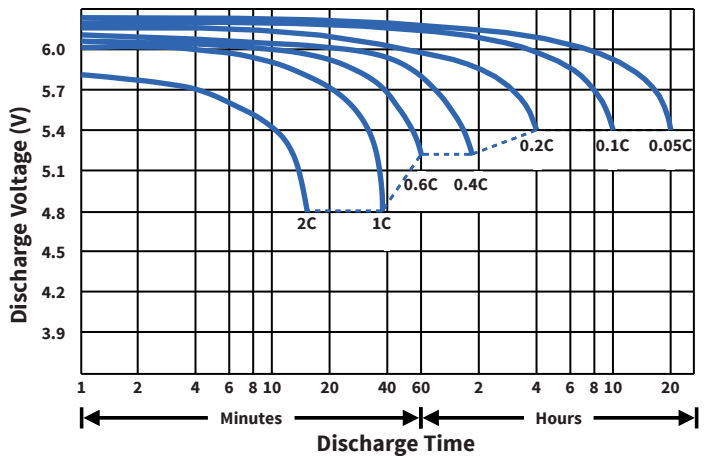
Charge characteristics



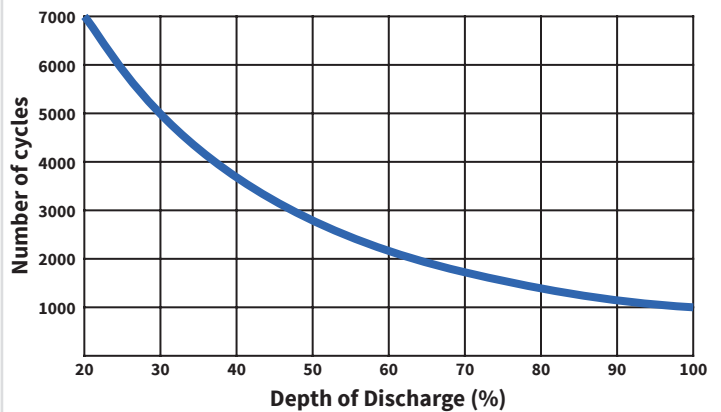
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

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The sealed, maintenance-free AGM lead battery type has a long operational lifetime. When used correctly, the Absorbent Glass Mat (AGM) technology offers dependable, lasting service. Additionally, AGM batteries exhibit very little self-discharge when compared with other lead-acid batteries. Sealed lead-acid batteries require low maintenance and do not need to be refilled with water or other liquids.

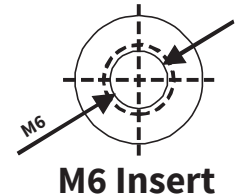
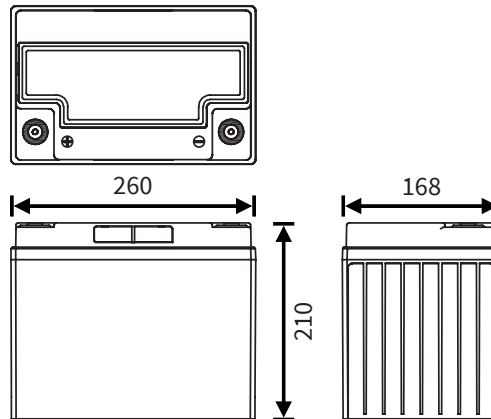


CPXC 78-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

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Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 87.2 Ah
	10Hr: 82.4 Ah
	5Hr: 74.5 Ah
	1Hr: 53.7 Ah
Internal resistance	≤6.6mΩ (fully charged)
Maximum charge current	20.0 A
Maximum discharge current	960 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M6 (5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	260 mm
Dimensions Width	168 mm
Dimensions Height	210 mm
Approximate Weight	26.00 kg
Packing	1 pcs / box

Recommended

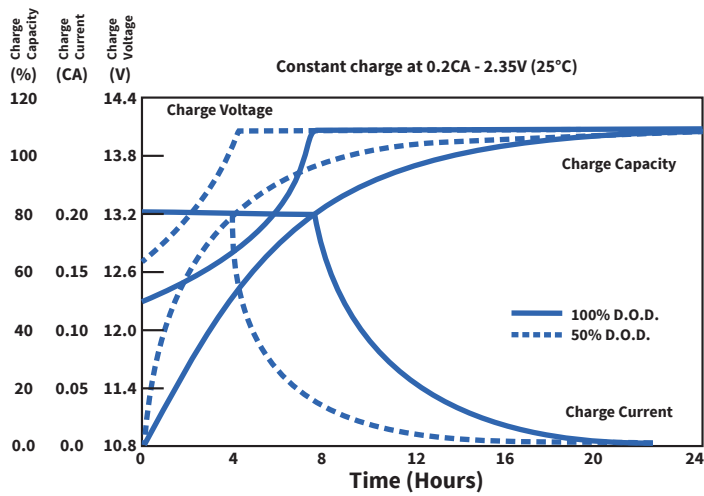
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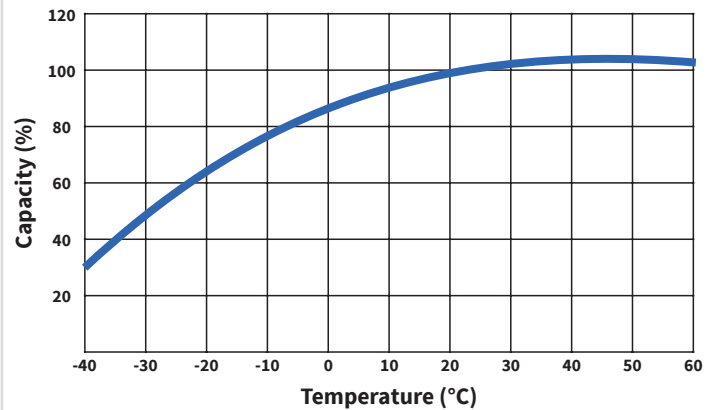


Recommended for CPXC 78-12 HE

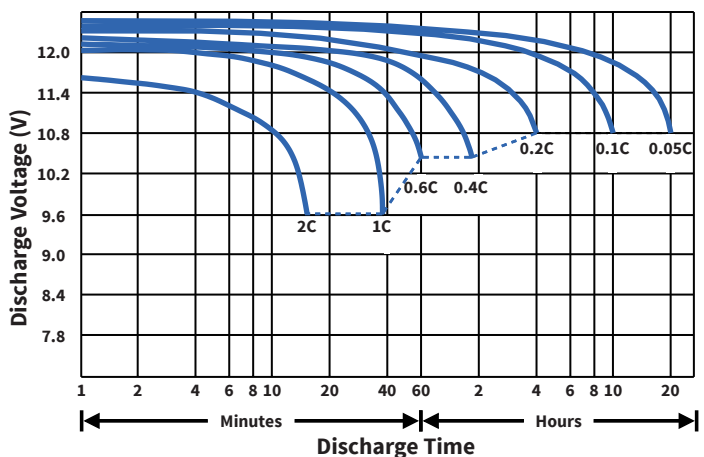
Charge characteristics



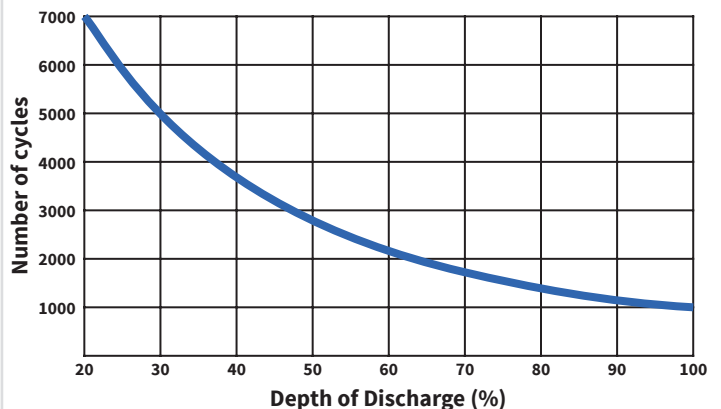
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

Cellpower family

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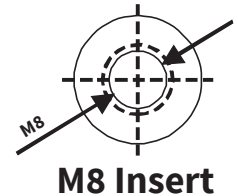
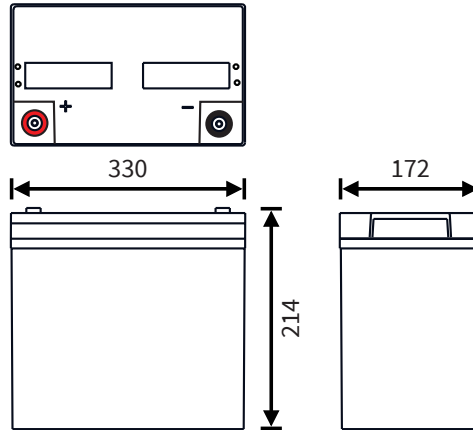


CPXC 130-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 140.0 Ah
	10Hr: 132.0 Ah
	5Hr: 125.5 Ah
	1Hr: 90.5 Ah
Internal resistance	≤5.1mΩ (fully charged)
Maximum charge current	27.5 A
Maximum discharge current	1300 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M8 (10.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	330 mm
Dimensions Width	172 mm
Dimensions Height	214 mm
Approximate Weight	34.50 kg
Packing	1 pcs / box

Recommended

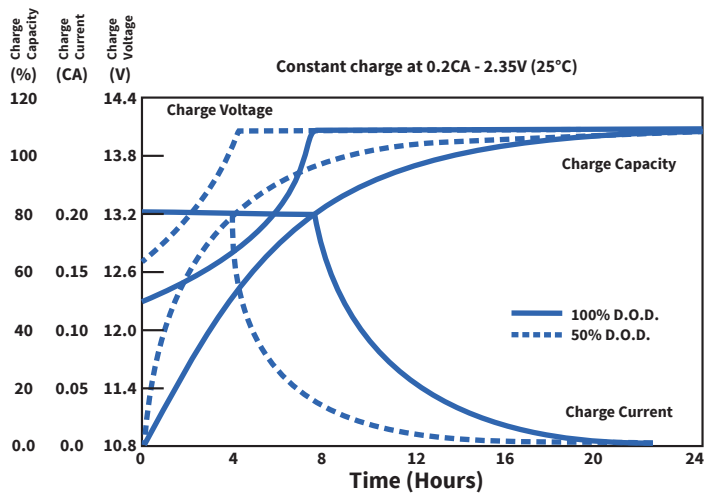
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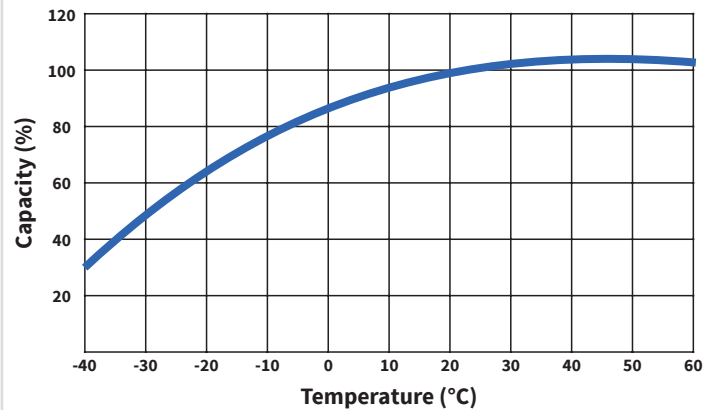


Recommended for CPXC 130-12 HE

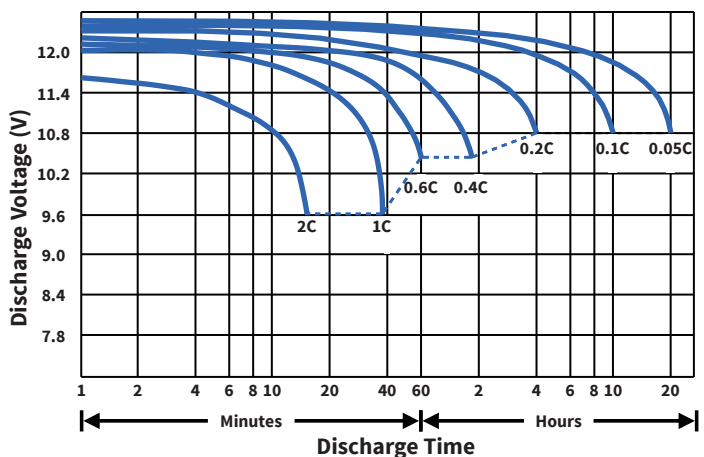
Charge characteristics



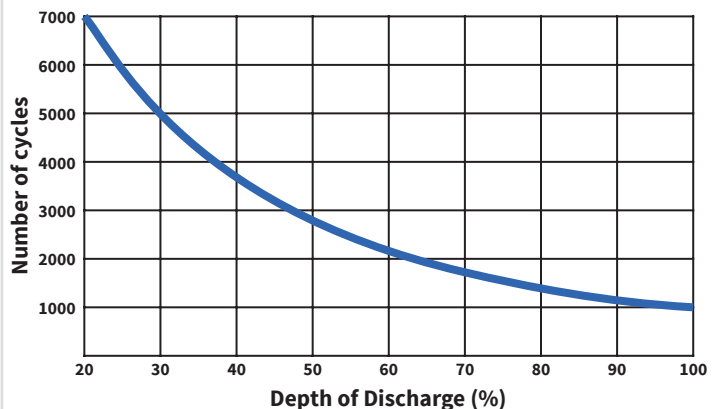
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
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CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
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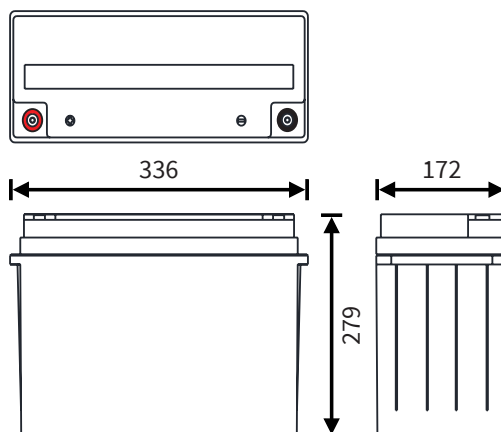


CPXC 135-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
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Restrictions

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Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 145.6 Ah
	10Hr: 137.0 Ah
	5Hr: 122.0 Ah
	1Hr: 86.1 Ah
Internal resistance	≤3.5mΩ (fully charged)
Maximum charge current	33.8 A
Maximum discharge current	1500 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M8 (10.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	336 mm
Dimensions Width	172 mm
Dimensions Height	279 mm
Approximate Weight	45.00 kg
Packing	1 pcs / box

Recommended

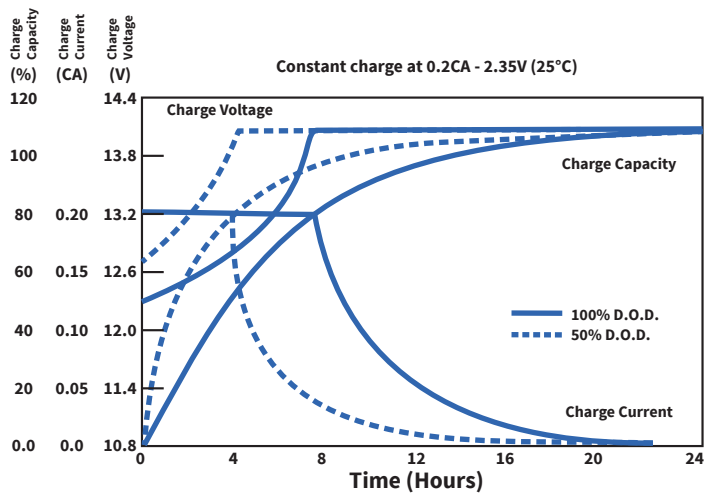
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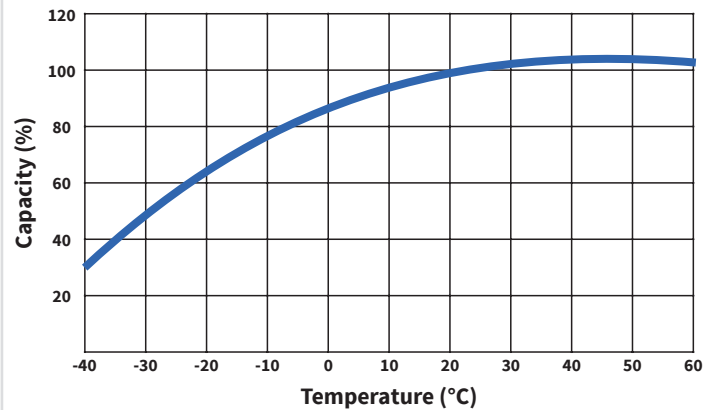


Recommended for CPXC 135-12 HE

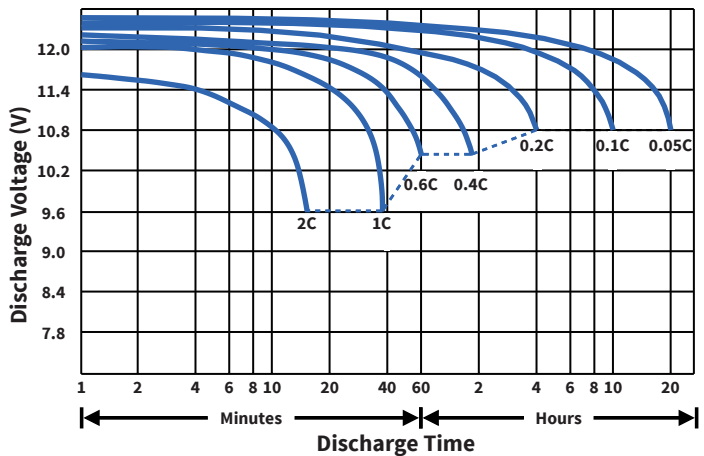
Charge characteristics



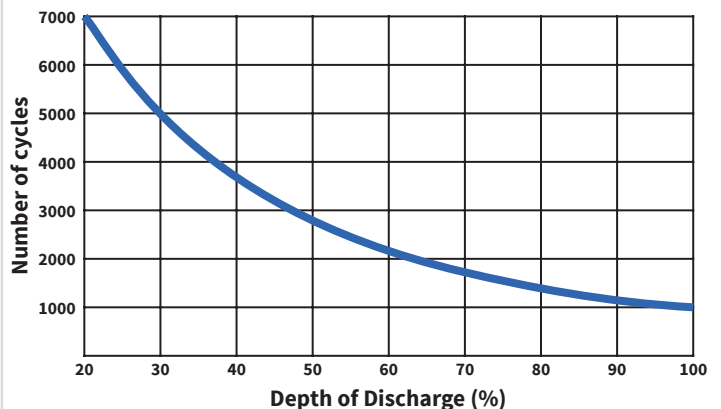
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

Cellpower family

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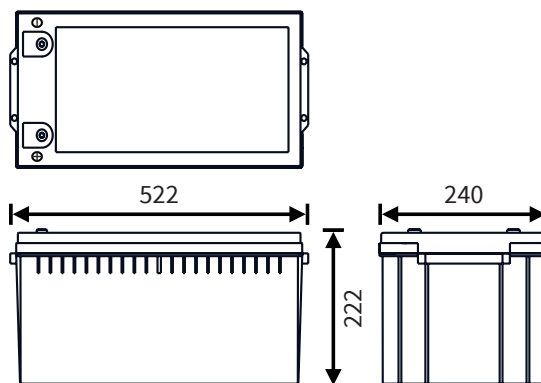


CPXC 200-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 218.0 Ah
	10Hr: 206.0 Ah
	5Hr: 186.0 Ah
	1Hr: 134.0 Ah
Internal resistance	≤3.3mΩ (fully charged)
Maximum charge current	50.0 A
Maximum discharge current	2400 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M8 (10.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	522 mm
Dimensions Width	240 mm
Dimensions Height	222 mm
Approximate Weight	61.50 kg
Packing	1 pcs / box

Recommended

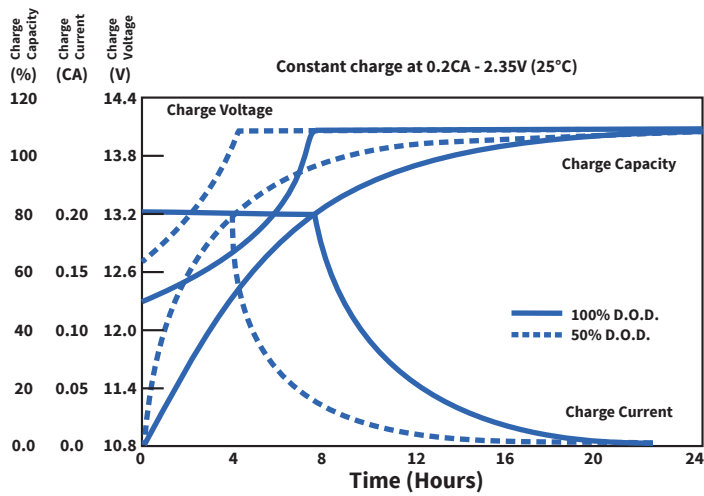
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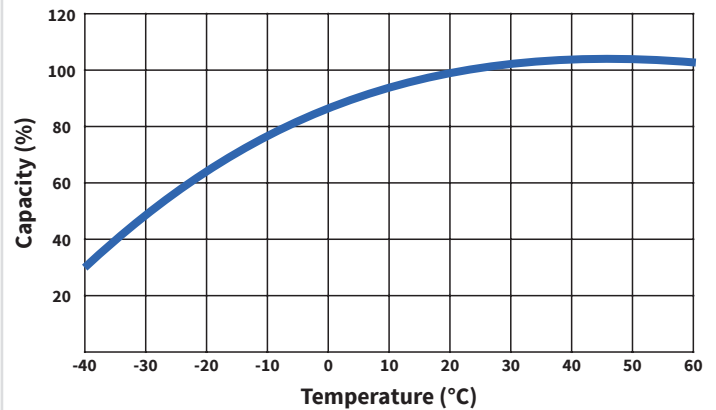


Recommended for CPXC 200-12 HE

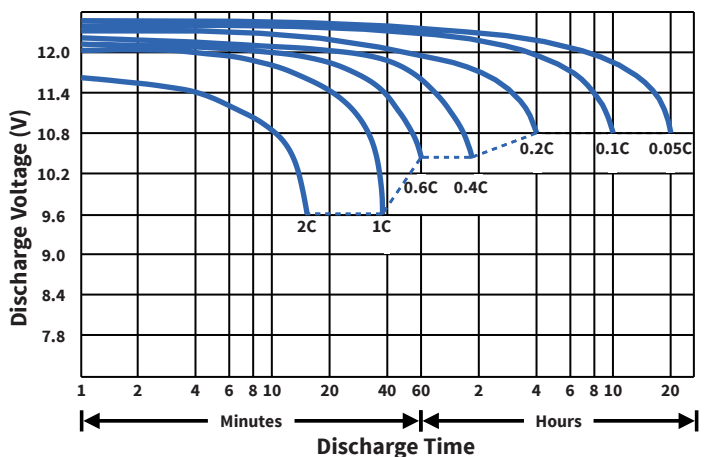
Charge characteristics



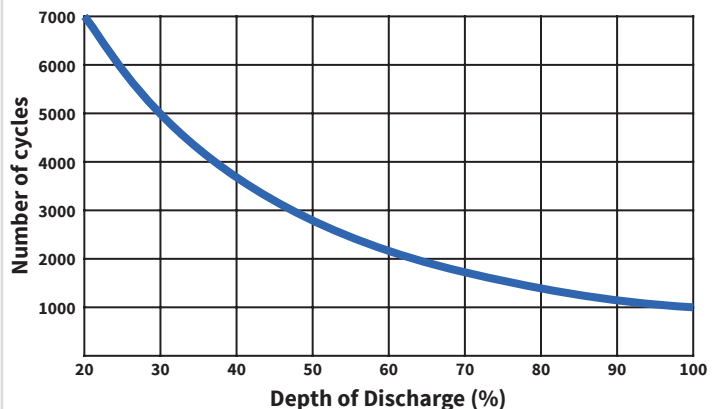
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

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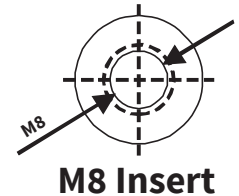
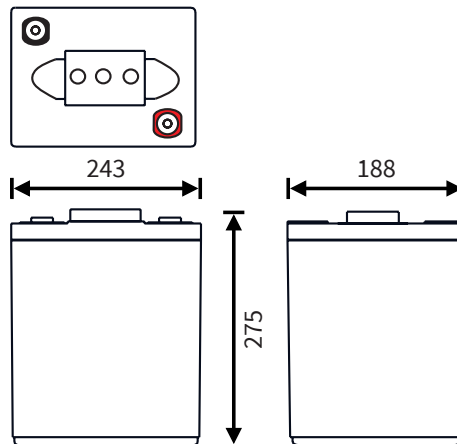


CPXC 225-6 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



**CELL
POWER**

No image available
at this time

Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	6 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 244.0 Ah
	10Hr: 230.0 Ah
	5Hr: 206.5 Ah
	1Hr: 150.0 Ah
Internal resistance	≤1.8mΩ (fully charged)
Maximum charge current	56.3 A
Maximum discharge current	2700 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	6.75 - 6.90V / 7.20 - 7.50V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M8 (10.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	243 mm
Dimensions Width	188 mm
Dimensions Height	275 mm
Approximate Weight	31.70 kg
Packing	1 pcs / box

Recommended

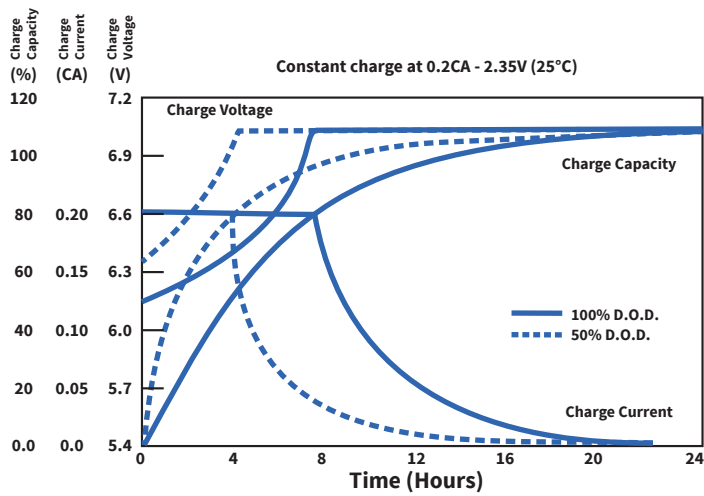
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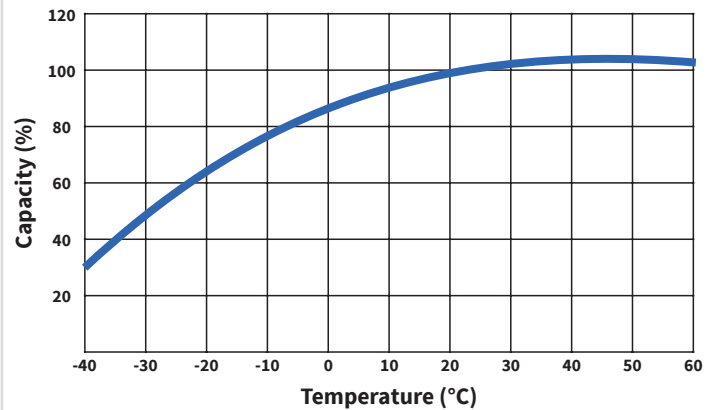


Recommended for CPXC 225-6 HE

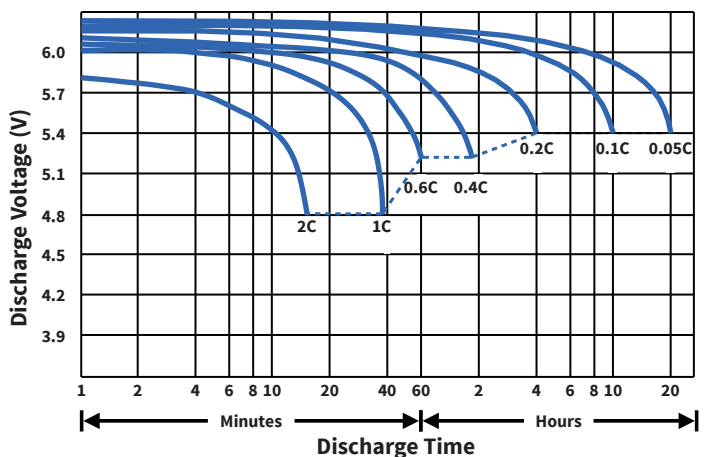
Charge characteristics



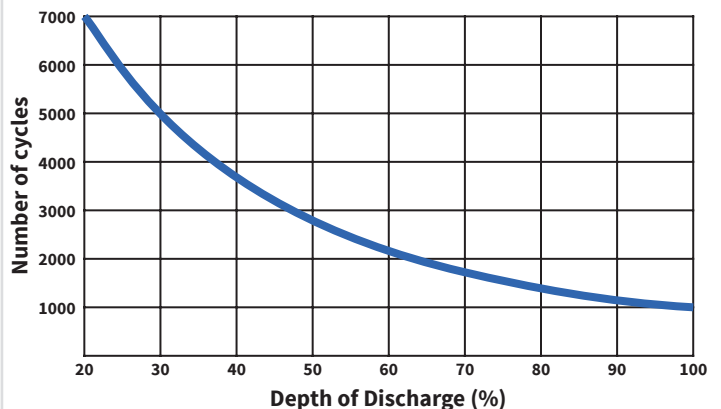
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
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CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

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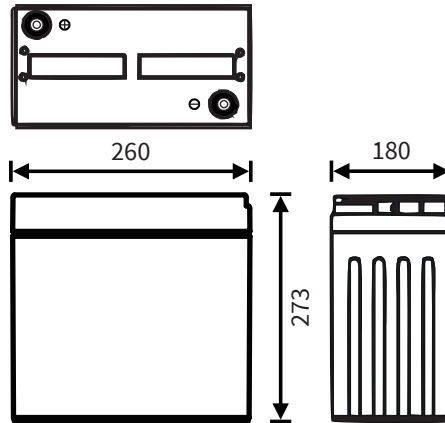


CPXC 250-6 HE

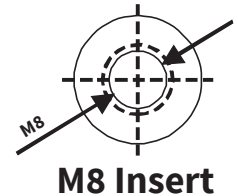
Cyclic Lead Carbon battery (2800 cycles)



Dimensions (mm)



Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	6 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 272.0 Ah
	10Hr: 259.0 Ah
	5Hr: 245.0 Ah
	1Hr: 176.0 Ah
Internal resistance	≤3.8mΩ (fully charged)
Maximum charge current	55.0 A
Maximum discharge current	2530 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	6.75 - 6.90V / 7.20 - 7.50V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M8 (10.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	260 mm
Dimensions Width	180 mm
Dimensions Height	273 mm
Approximate Weight	35.00 kg
Packing	1 pcs / box

Recommended

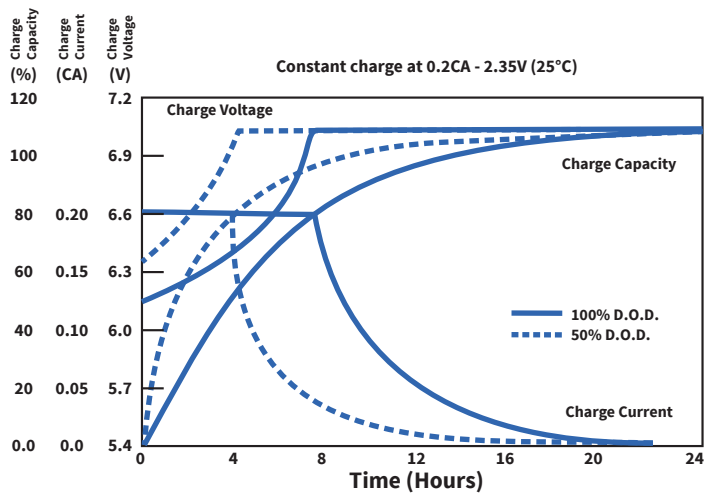
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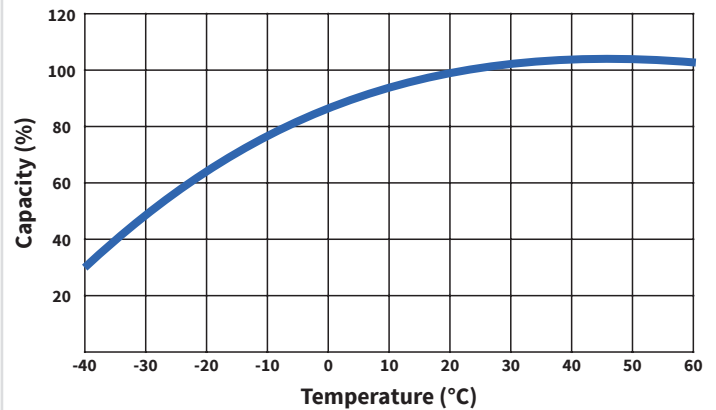


Recommended for CPXC 250-6 HE

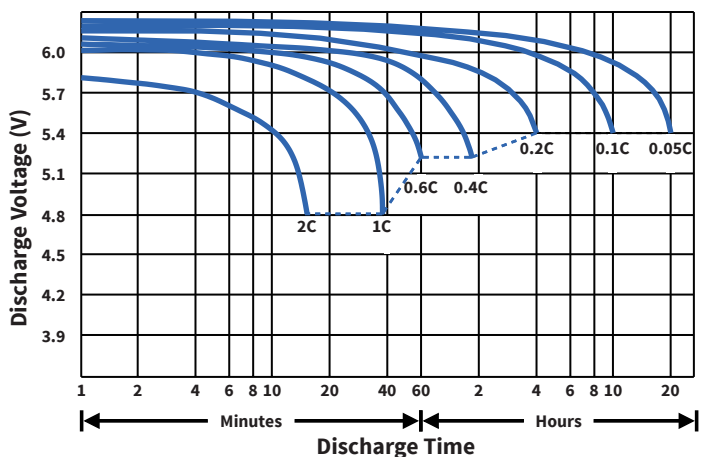
Charge characteristics



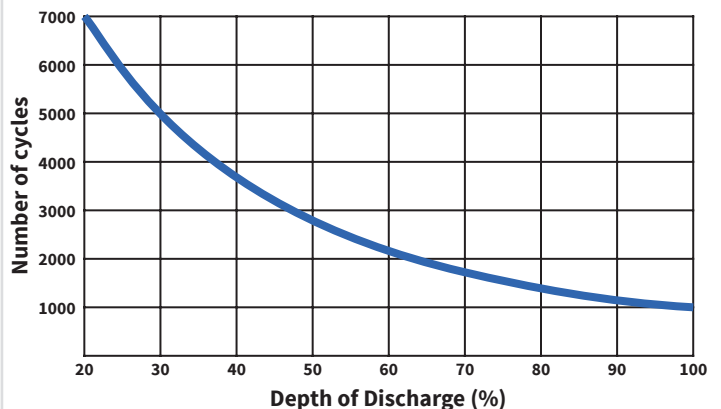
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
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CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

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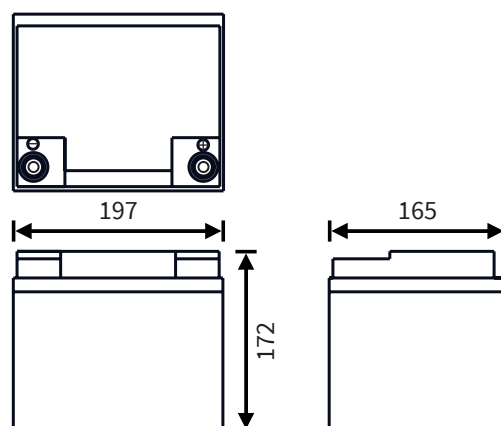


CPXC 38-12 HE

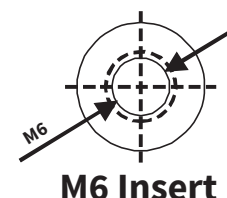
Cyclic Lead Carbon battery (2800 cycles)



Dimensions (mm)



Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 41.4 Ah
	10Hr: 39.1 Ah
	5Hr: 35.4 Ah
	1Hr: 25.5 Ah
Internal resistance	≤10.0mΩ (fully charged)
Maximum charge current	9.5 A
Maximum discharge current	456 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M6 (5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	197 mm
Dimensions Width	165 mm
Dimensions Height	172 mm
Approximate Weight	12.50 kg
Packing	1 pcs / box

Recommended

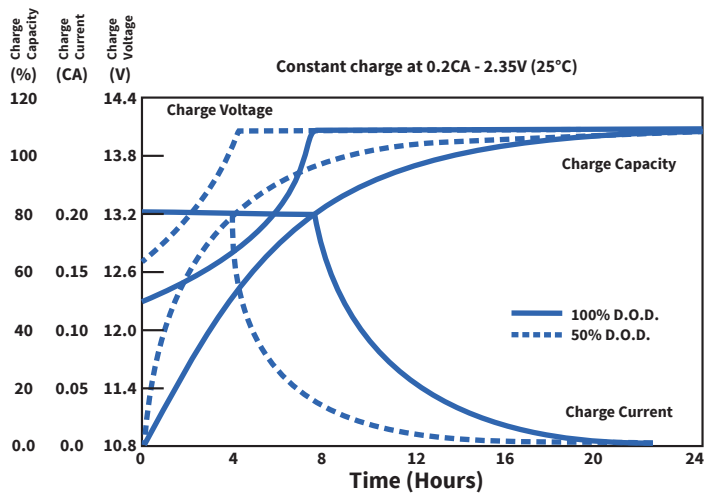
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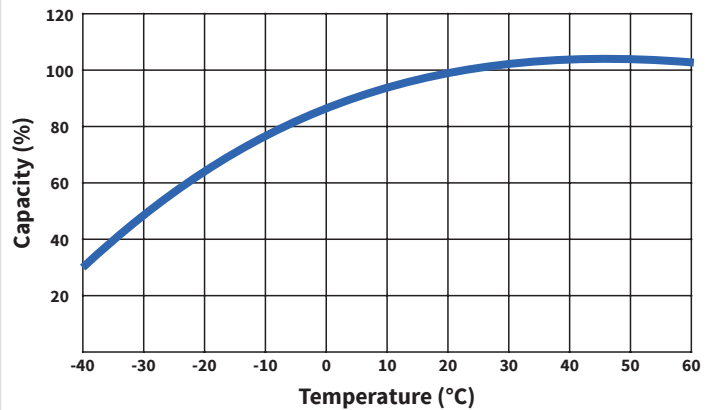


Recommended for CPXC 38-12 HE

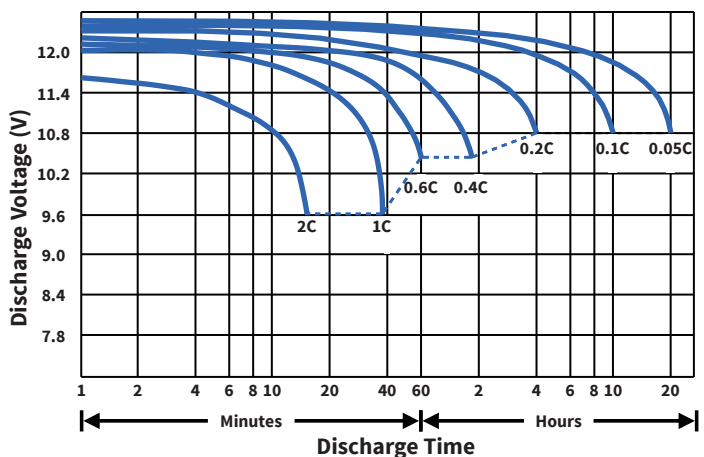
Charge characteristics



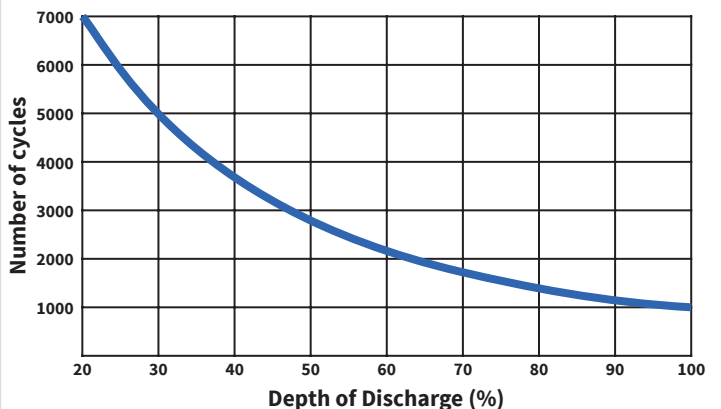
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
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CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

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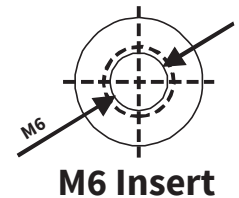
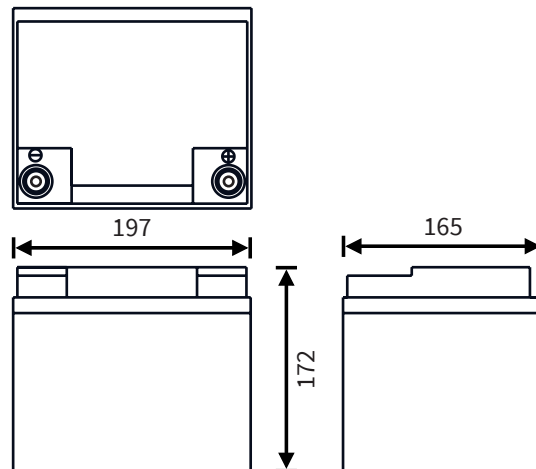


CPXC 45-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



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No image available
at this time

Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 48.6 Ah
	10Hr: 45.7 Ah
	5Hr: 40.6 Ah
	1Hr: 29.3 Ah
Internal resistance	≤12.0mΩ (fully charged)
Maximum charge current	11.3 A
Maximum discharge current	540 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M6 (5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	197 mm
Dimensions Width	165 mm
Dimensions Height	172 mm
Approximate Weight	15.00 kg
Packing	1 pcs / box

Recommended

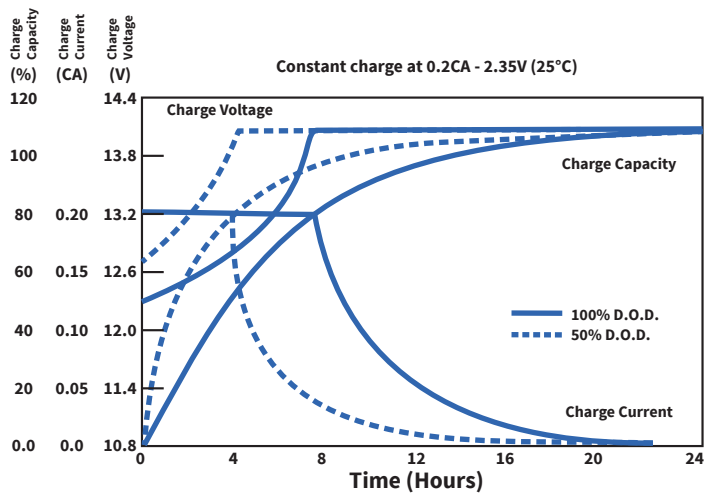
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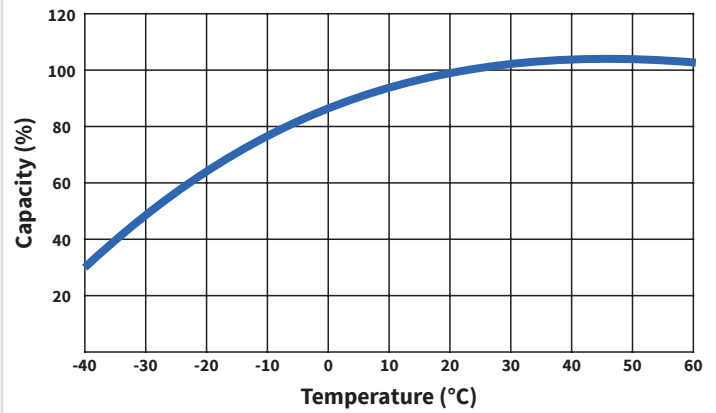


Recommended for CPXC 45-12 HE

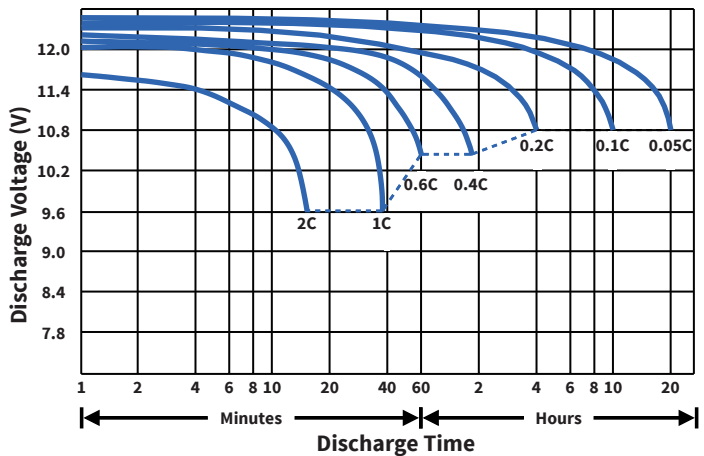
Charge characteristics



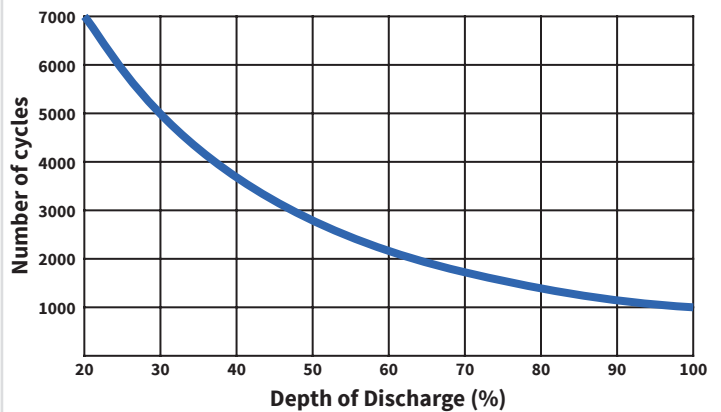
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

Cellpower family

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The sealed, maintenance-free AGM lead battery type has a long operational lifetime. When used correctly, the Absorbent Glass Mat (AGM) technology offers dependable, lasting service. Additionally, AGM batteries exhibit very little self-discharge when compared with other lead-acid batteries. Sealed lead-acid batteries require low maintenance and do not need to be refilled with water or other liquids.

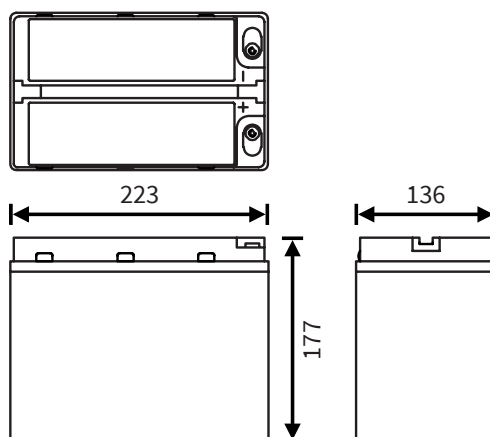


CPXC 55-12 HE

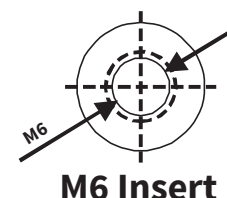
Cyclic Lead Carbon battery (2800 cycles)



Dimensions (mm)



Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 59.4 Ah
	10Hr: 56.1 Ah
	5Hr: 50.5 Ah
	1Hr: 36.5 Ah
Internal resistance	≤8.6mΩ (fully charged)
Maximum charge current	13.8 A
Maximum discharge current	660 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M6 (5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	223 mm
Dimensions Width	136 mm
Dimensions Height	177 mm
Approximate Weight	15.00 kg
Packing	1 pcs / box

Recommended

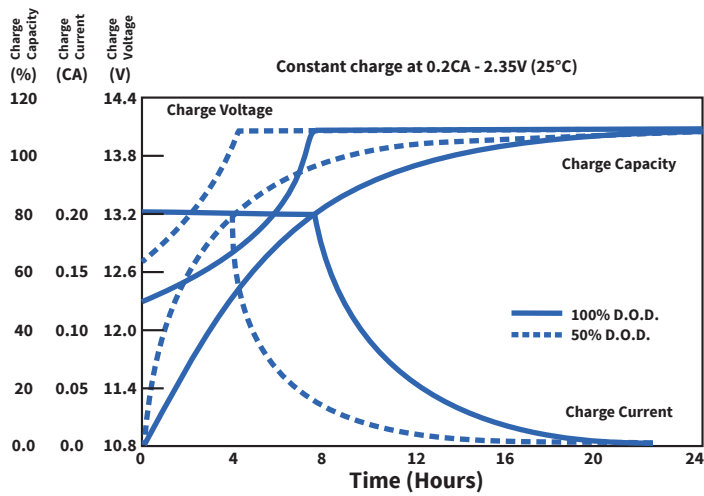
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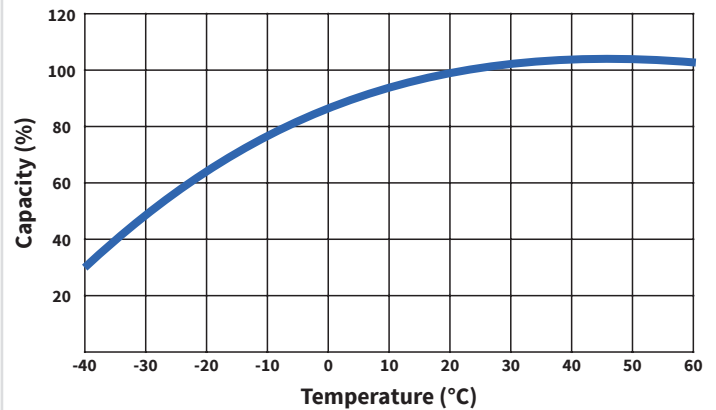


Recommended for CPXC 55-12 HE

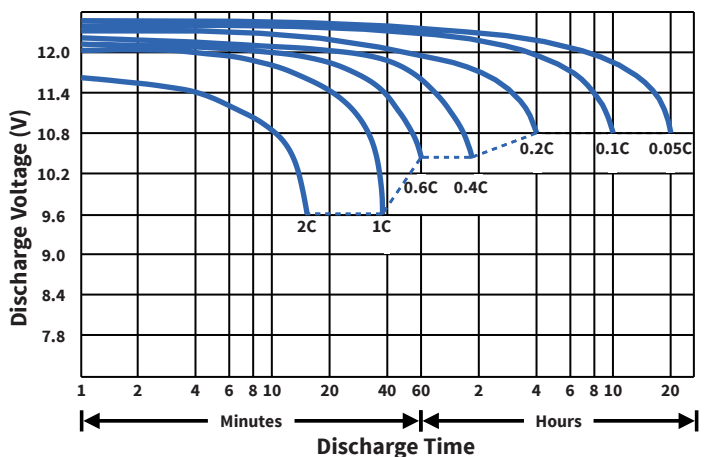
Charge characteristics



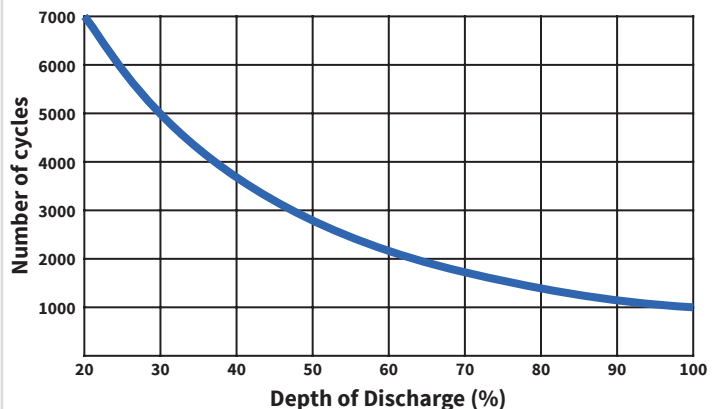
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

Cellpower family

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The sealed, maintenance-free AGM lead battery type has a long operational lifetime. When used correctly, the Absorbent Glass Mat (AGM) technology offers dependable, lasting service. Additionally, AGM batteries exhibit very little self-discharge when compared with other lead-acid batteries. Sealed lead-acid batteries require low maintenance and do not need to be refilled with water or other liquids.

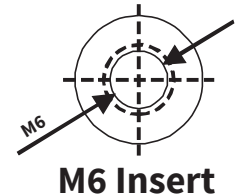
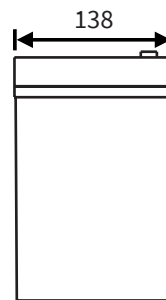
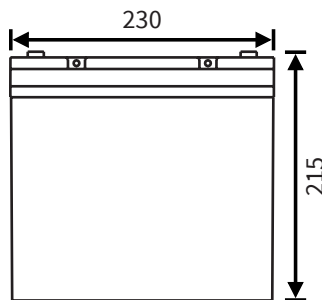


CPXC 56-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



No image available
at this time

Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 59.4 Ah
	10Hr: 56.1 Ah
	5Hr: 50.5 Ah
	1Hr: 36.5 Ah
Internal resistance	≤8.6mΩ (fully charged)
Maximum charge current	13.8 A
Maximum discharge current	660 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M6 (5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	230 mm
Dimensions Width	138 mm
Dimensions Height	215 mm
Approximate Weight	17.50 kg
Packing	1 pcs / box

Recommended

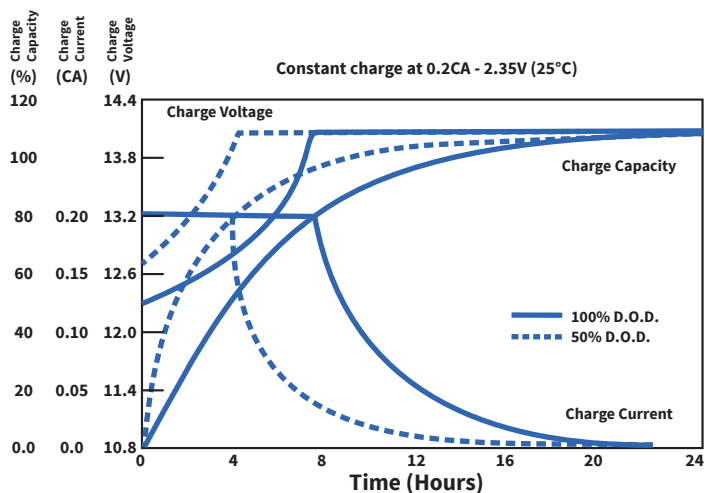
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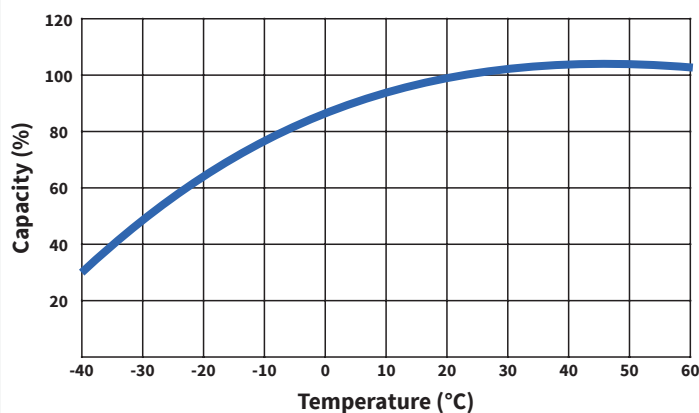


Recommended for CPXC 56-12 HE

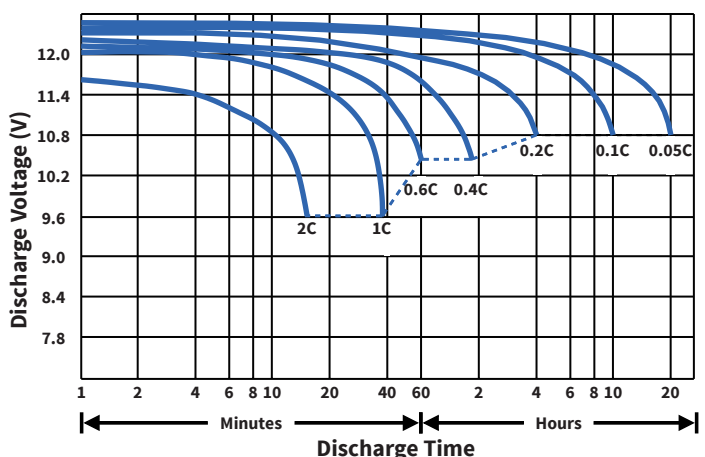
Charge characteristics



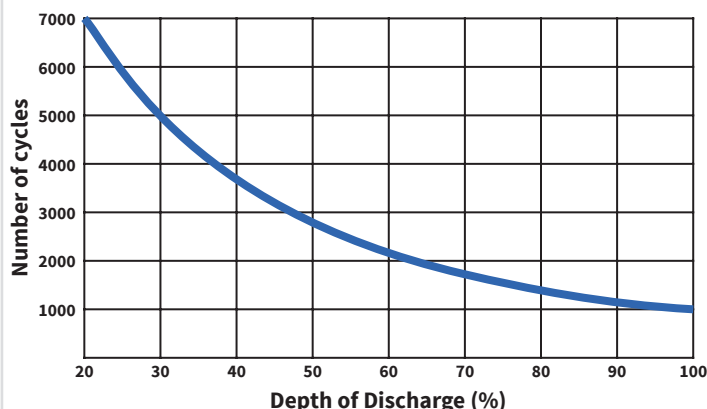
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
CPXC 38-12 HE	12	38	197x165x172	12.5
CPXC 45-12 HE	12	45	197x165x172	15.0
CPXC 55-12 HE	12	55	223x136x177	15.0
CPXC 56-12 HE	12	56	230x138x215	17.5
CPXC 68-12 HE	12	68	262x165x169	19.5
CPXC 70-12	12	70	261x167x213	24.5
CPXC 78-12 HE	12	78	260x168x210	26.0
CPXC 80-12	12	80	331x171x221	30.5
CPXC 130-12 HE	12	130	330x172x214	34.5
CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

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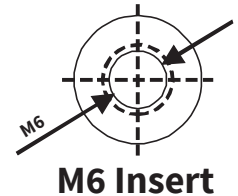
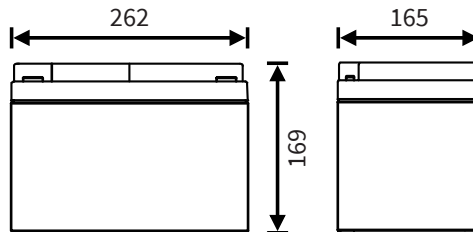
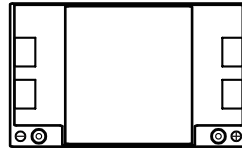


CPXC 68-12 HE

Cyclic Lead Carbon battery (2800 cycles)

Dimensions (mm)

Standard terminal (mm)



Typical applications

- Electric vehicles
- Mobility scooters
- Electric wheelchairs
- AGV and warehouse equipment
- Medical equipment
- Solar energy
- Recreational vehicles
- Marine
- Camper and caravan

Features

- Valve Regulated Lead Carbon (Pb-C)
- Maintenance free
- Absorbent Glass Mat Technology (AGM)
- Low self discharge
- Designed for extreme cyclic use
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Restrictions

This battery is classified as **non spillable** and is therefore **not restricted** for transport under **ADR regulations** (road transport), **IMDG code** (sea transport) and **IATA regulations** (air transport).

Nominal voltage	12 V
Nominal capacity (1.70V/c, 25°C)	20Hr: 74.6 Ah
	10Hr: 70.4 Ah
	5Hr: 66.5 Ah
	1Hr: 48.1 Ah
Internal resistance	≤7mΩ (fully charged)
Maximum charge current	15.0 A
Maximum discharge current	697 A (max. 5 sec)
Number of cycles	2800 (50% D.O.D.)
Float use / cyclic use	13.5 - 13.8V / 14.4 - 15.0V
Charge temperature range	-20°C ~ 50°C
Discharge temperature range	-20°C ~ 60°C
Standard terminal	Insert M6 (5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	262 mm
Dimensions Width	165 mm
Dimensions Height	169 mm
Approximate Weight	19.50 kg
Packing	1 pcs / box

Recommended

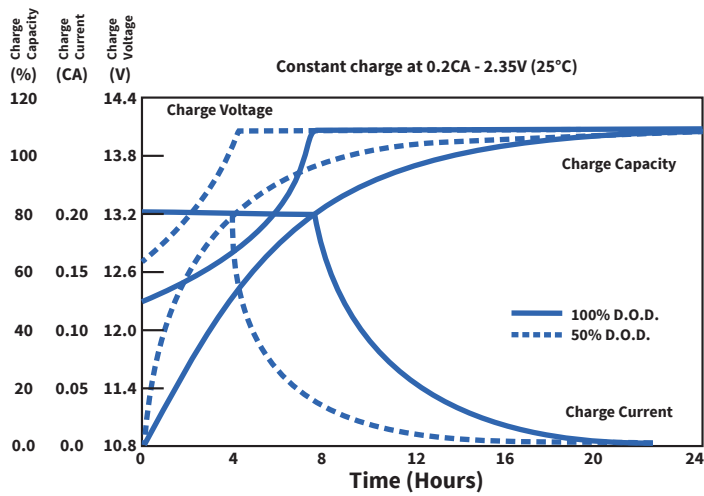
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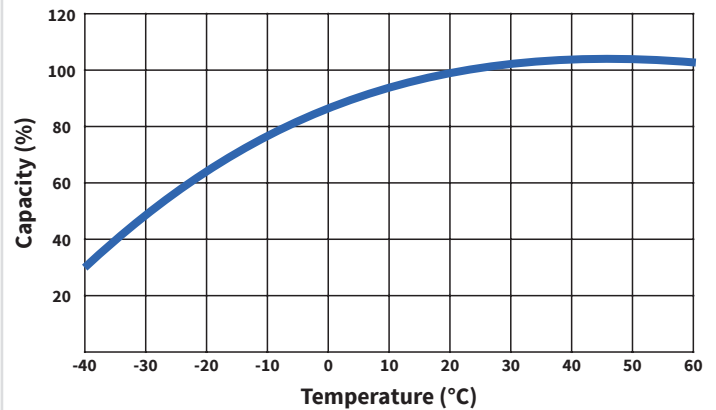


Recommended for CPXC 68-12 HE

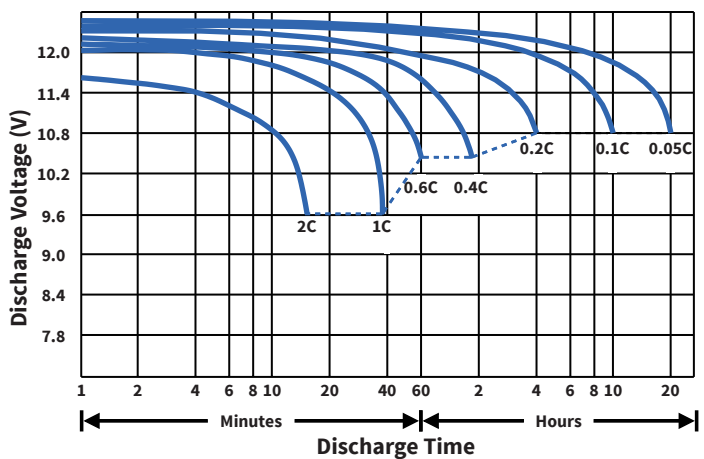
Charge characteristics



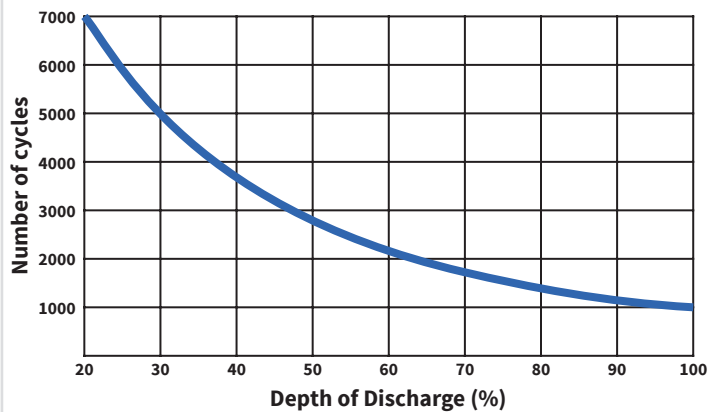
Capacity in relation to temperature



Discharge characteristics



Cycle service life in relation to depth of discharge



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPXC 500-2	2	500	170x285x342	35.0
CPXC 1200-2	2	1200	233x210x681	89.0
CPXC 225-6 HE	6	225	243x188x275	31.7
CPXC 250-6 HE	6	250	260x180x273	35.0
CPXC 300-6 HE	6	300	295x178x360	47.0
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CPXC 80-12	12	80	331x171x221	30.5
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CPXC 135-12 HE	12	135	336x172x279	45.0
CPXC 150-12	12	150	533x206x219	55.0
CPXC 170-12	12	170	523x238x224	63.0
CPXC 200-12 HE	12	200	522x240x222	61.5
CPXC 250-12 HE	12	250	520x268x223	71.0

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