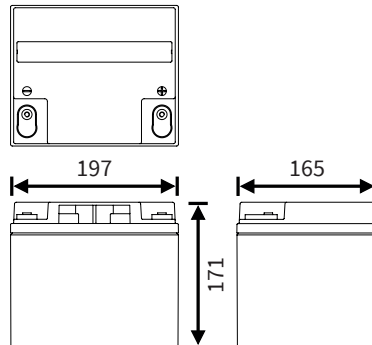


CPW 200-12

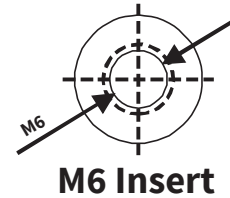
Long life High Rate AGM battery (10-12 years)



Dimensions (mm)



Standard terminal (mm)



Typical applications

- UPS systems
- Data centers
- Telecom systems
- Security systems
- Emergency lighting
- Air traffic power stations
- Start boosters
- Medical equipment

Features

- Valve Regulated Maintenance Free (VRLA)
- Absorbent Glass Mat Technology (AGM)
- Built to comply with DIN 43534, IEC896-2, BS6290-pt.4
- Low self discharge
- Classified as non-spillable and Non Dangerous goods by IATA, FAA, ADR, IMDG
- Can be discharged or stored in any position without leakage
- Battery cannot be charged while upside down
- Produced under ISO 9001 & ISO 14001

Nominal voltage	12 V
Nominal capacity (1.75V/c, 25°C)	20Hr: 40.0 Ah 10Hr: 38.0 Ah
Nominal power (1.75V/c, 25°C)	10Min: 192.17 W/cell
Internal resistance	≤8mΩ (fully charged)
Maximum charge current	12.0 A
Maximum discharge current	600 A (max. 5 sec)
Float use / Cycle use	13.5 - 13.8V / 14.4 - 15.0V
Self discharge	Lower than 3% per month
Operating temperature range	-20°C ~ 50°C
Designlife (20°C)	10-12 years in float (EUROBAT)
Standard terminal	Insert M6 (5.5 Nm torque)
Housing material	ABS (UL94-HB)
Dimensions Length	197 mm
Dimensions Width	165 mm
Dimensions Height	171 mm
Approximate Weight	14.30 kg
Packing	1 pcs / box

*: 5 years warranty optional. Warranty valid for stand-by use only. Additional terms and conditions may apply. Ask your Cellpower representative.

Constant Current Discharge (Amps) at 25 °C (77°F)

F.V/TIME	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V/cell	130.3	93.7	74.2	43.0	24.46	9.72	6.70	3.74	1.97
1.75V/cell	153.6	101.5	77.6	44.7	25.20	9.91	6.80	3.80	2.00
1.70V/cell	163.2	105.2	80.0	45.7	25.65	10.00	6.84	3.82	2.01
1.65V/cell	170.5	107.7	81.8	46.3	25.96	10.07	6.86	3.83	2.02
1.60V/cell	176.1	109.9	83.5	46.8	26.22	10.13	6.88	3.83	2.02

Constant Power Discharge (Watts) per Cell* at 25 °C (77°F)

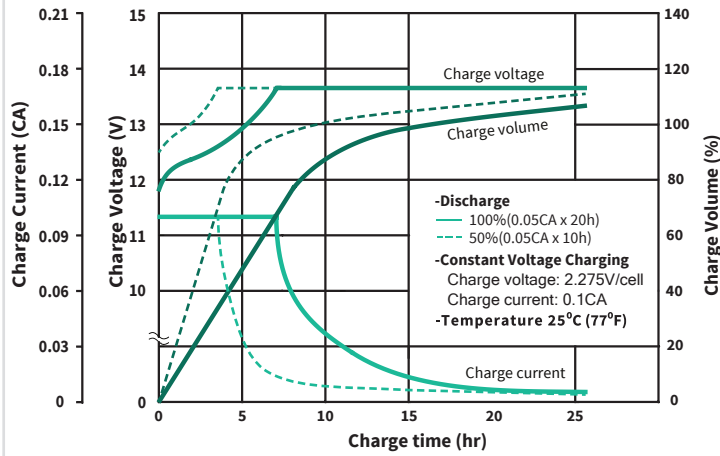
F.V/TIME	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.80V/cell	241,00	177,50	142,17	84,67	48,52	19,43	13,40	7,488	3,940
1.75V/cell	279,00	192,17	148,67	87,83	49,98	19,82	13,60	7,600	4,000
1.70V/cell	296,50	199,17	153,33	89,83	50,87	20,00	13,67	7,638	4,020
1.65V/cell	309,67	204,00	156,83	91,17	51,48	20,13	13,72	7,660	4,032
1.60V/cell	320,00	208,00	160,00	92,00	52,00	20,27	13,77	7,660	4,032

Constant Current / Power Discharge (Amps / Watts) per Cell* at 25 °C (77°F)

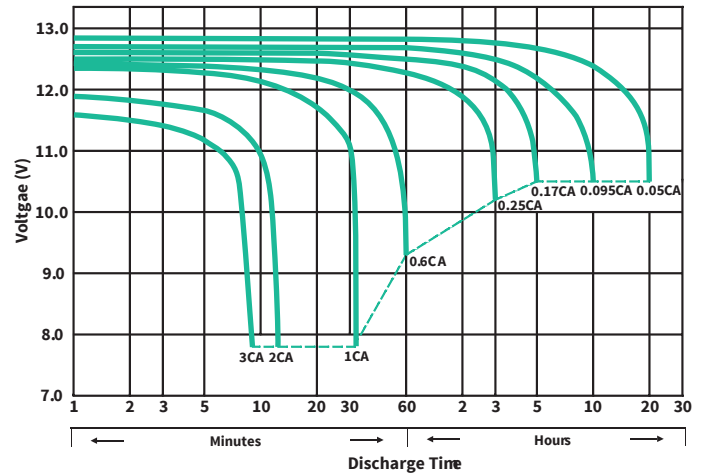
F.V/TIME	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr	20 Hr
1.75V/cell	153.6 A	101.5 A	77.6 A	44.7 A	25.20 A	9.91 A	6.80 A	3.80 A	2.00 A
1.75V/cell	279.00 W	192.17 W	148.67 W	87.83 W	49.98 W	19.82 W	13.60 W	7.600 W	4.000 W

*: Battery consists of 6 Cells

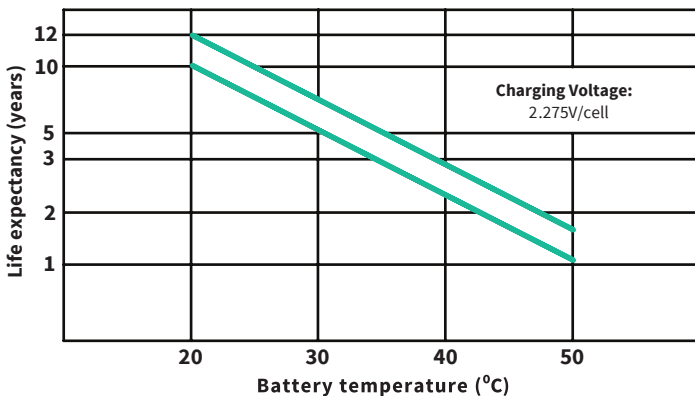
Charge characteristics



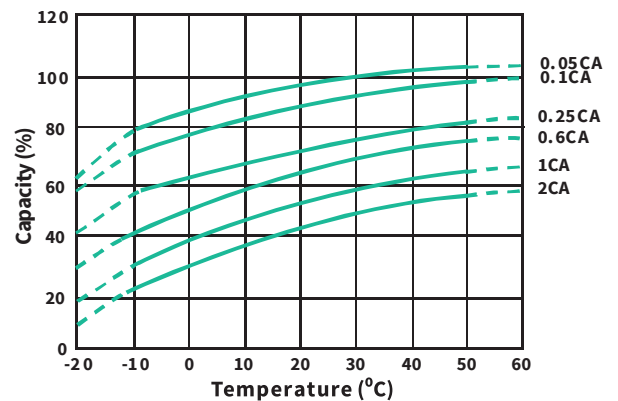
Discharge characteristics



Life expectancy in relation to temperature



Capacity in relation to temperature



Models available

Model	Voltage	Capacity (Ah)	Dimensions (mm)	Weight (kg)
CPW 30-12	12	5.0	90x70x106	1.80
CPW 35-12	12	7.0	151x65x98	2.20
CPW 35-12L	12	7.0	151x65x98	2.20
CPW 50-12	12	8.5	151x65x100	2.75
CPW 80-12	12	13	151x98x98	4.20
CPW 110-12	12	21	181x76x166	6.50
CPW 140-12	12	28	165x125x175	9.60
CPW 160-12	12	33	195x129x168	11.25
CPW 200-12	12	40	197x165x171	14.30
CPW 270-12	12	55	228x139x207	17.80
CPW 390-12	12	80	261x173x207	26.00
CPW 440-12	12	88	261x173x207	26.40
CPW 530-12	12	110	330x173x218	34.30
CPW 650-12	12	135	344x173x277	41.10
CPW 750-12	12	155	344x173x277	45.50

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 GEL battery type has a long operational lifetime. When used correctly, the technology offers dependable, lasting service. Additionally, GEL 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.

