



Shenzhen Center Power Tech. Co., Ltd.
 518120 Shenzhen, China
 Tel: +86-755-8431 8088 Fax: +86-755-8431 8038
 Email: sales@vision-batt.com
 Center Power Industrial Park, Tongfu Industrial District Dapeng Town,

End Point	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.80V	71.1	45.2	33.1	20.5	15.2	12.0	6.75	4.81	3.24
1.65V	68.5	43.6	32	19.8	14.7	11.6	6.62	4.76	3.21
1.70V	64.2	42.1	31.2	19.0	14.1	11.1	6.52	4.71	3.18
1.75V	61.3	40.6	30.8	18.2	13.5	10.7	6.36	4.64	3.15
1.80V	57.7	39.2	29.7	17.4	13.1	10.1	6.25	4.60	3.12

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

End Point	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.80V	29.3	21.2	15.6	9.12	5.58	2.22	1.40	0.82	0.44
1.75V	30.6	22.2	16.1	9.76	5.84	2.29	1.47	0.84	0.45
1.70V	32.1	23.0	17.1	10.1	6.08	2.35	1.51	0.85	0.46
1.65V	33.6	24.1	17.9	10.7	6.32	2.42	1.56	0.86	0.47
1.60V	35.1	25.1	18.8	11.1	6.56	2.51	1.60	0.87	0.47

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

Battery model		CP1290Y	
Nominal voltage		12V	
Number of cell		6	
Capacity (25 °C)	20HR(0.45A, 10.5V)	10HR(0.84A, 10.5V)	5HR(1.47A, 10.5V)
	9Ah	8.4Ah	7.35Ah
Dimensions	Length	151±1mm	94±1mm
	Width	65±1mm	94±1mm
Total Height	Height	100±1mm	94±1mm
	Approx. weight	2.40kg (5.29 lbs)	
Internal resistance		Full charged at 25 °C : 19mOhms	
Self discharge		3% of capacity declined per month at 20 °C (average)	
Operating temperature range		Discharge	-20 to 60
Max. discharge current (25 °C)		Charge	-20 to 60
Short circuit		Storage	-20 to 60
450A			

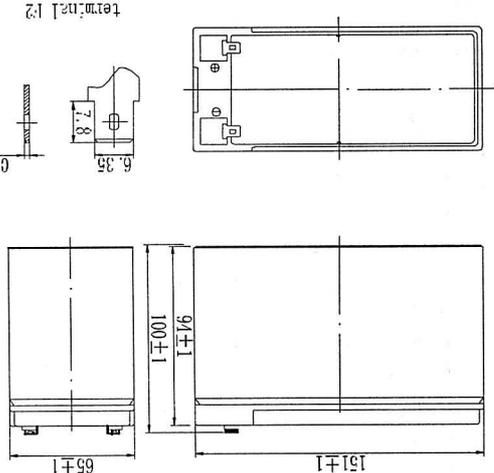
Technology Parameter

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

General Features

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

Dimensions and Weight



Construction

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

CP1290Y 12V9Ah

