VIPOW®

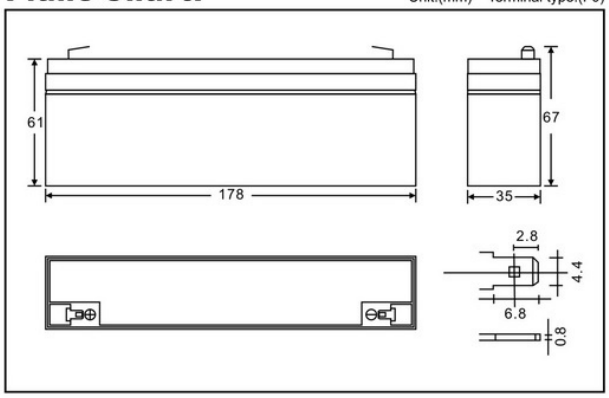
Karta katalogowa
BAT0220

5 901436 715610

Akumulator żelowy VIPOW 12V 2.2Ah

Plane Chart:

Unit:(mm) Terminal type:(F0)



ISO9001
ISO140001
OHSAS18001

Characteristic:

1.100% testing before out of factory, stable and reliable quality is guaranteed.
2.Professional alloy formula and advanced manufacturing techniques.
3.Completely sealed and maintainance free, low self-discharge.
4.Good charge-discharge acceptability.
5.Cyclic application: deep cycle charge-dischrge for more than 260 times.
6.Floating application: for 3-5 years.

Application:

Anti-theft system
Radio transceiver
Power system
Railroad engine and railway communication
Emergency lighting and lamps
Electric tools
Electronic instruments and other backup power
Medical facilities
UPS for banking system
Computer backup power
Marine system
UPS for fire fighting system
Toys

Parts:

Executed Standard:GB/T 19639.1-2005

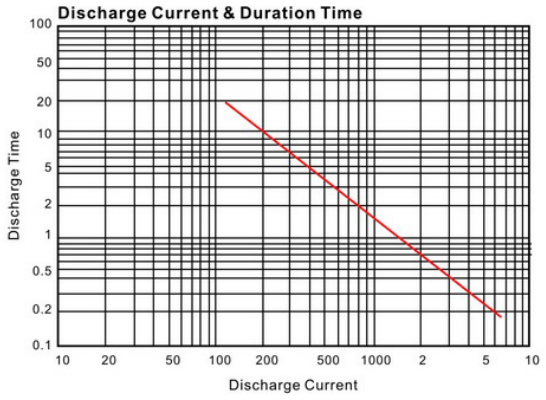
Cover	Container Bottom	Terminal	Positive Plate	Negative Plate	Separator	Electrolyte	Safty Valve	Seal Glue
ABS	ABS	Copper	PbO_2	Pb	AGM	dilute sulphuric acid	Rubber	Epoxy Resin

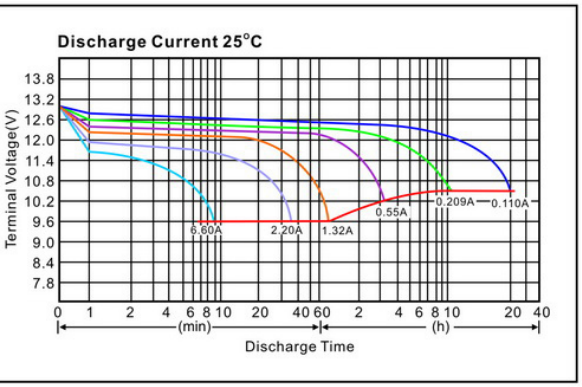
Packing

Date	Battery Packing	Inner Packing	Outer Packing
① Printing	① Polybag	Paper Box	Carton Packing
② Branded	② Shrink		

Carton Sealing	Accessories	
① Packing Strap	Bolts&nuts	Mini Charger
② Shrink	With	Optional

Discharge Curve





Parameter Chart:

Volts	12V	
Capacity(25°C)	20 hours rate (0.11A)	2.2Ah
Discharge Current Testing (25°C)	20 I_{20} rate (2.2A, 27min)	38min
	60 I_{20} rate(6.6A, 7min)	8min
Internal Rasistance	Full Charged Battery 25°C	75mΩ
Capacity Affected By Temperature (20 hours rate)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	62%
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%
	Capacity After 6 Months Storage	82%
	Capacity After 12 Months Storage	64%
Cycle (Above 300 Time)	Discharge 2hrs at 0.55A Current Charge 6hrs at 0.22A Current (25°C)	
Charge (Constant Voltage) Cycle (25°C)	Initial Charging Current Less Than 0.66A Voltage 14.5~14.9V	
Charge (Constant Voltage) Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)	0.95Kg	

★The above are average and date obtained from the first 3 charge/discharge cycles. These are not minimum values.

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Constant Current Discharge (Amperes) at 25°C (77°F)												
F.V/Time	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/cell	6.07	4.55	3.30	2.22	1.30	0.73	0.550	0.440	0.387	0.317	0.207	0.108
1.75V/cell	6.29	4.64	3.37	2.27	1.32	0.75	0.572	0.462	0.396	0.321	0.211	0.110
1.70V/cell	6.86	4.93	3.56	2.35	1.34	0.77	0.587	0.469	0.403	0.328	0.215	0.112
1.65V/cell	7.55	5.35	3.87	2.49	1.34	0.77	0.594	0.474	0.407	0.330	0.218	0.112
1.60V/cell	8.18	5.61	4.07	2.60	1.36	0.79	0.598	0.477	0.411	0.337	0.220	0.114

Constant Power Discharge (Watts/cell) at 25°C (77°F)												
F.V/Time	5min	10min	15min	30min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/cell	79.54	58.56	46.93	27.90	16.01	8.67	6.411	5.299	4.422	3.715	2.470	1.294
1.75V/cell	92.06	63.43	49.09	28.97	16.49	8.84	6.541	5.393	4.488	3.771	2.508	1.320
1.70V/cell	97.81	65.72	50.60	29.63	16.79	8.99	6.600	5.487	4.513	3.847	2.521	1.327
1.65V/cell	102.21	67.29	51.76	30.04	16.99	9.09	6.648	5.544	4.529	3.885	2.526	1.329
1.60V/cell	105.60	68.64	52.80	30.36	17.16	9.18	6.684	5.601	4.541	3.922	2.526	1.329

Loading Info

Master Carton			Pallet			20 GP	
Pcs/Ctn	Size(mm)	N.W.(kg)	Size(mm)	Total CTNS	N.W.(T)	Pallet Qty	Battery Qty(pcs)
20 PCS	400*238*80	11.60					