VIPOW®

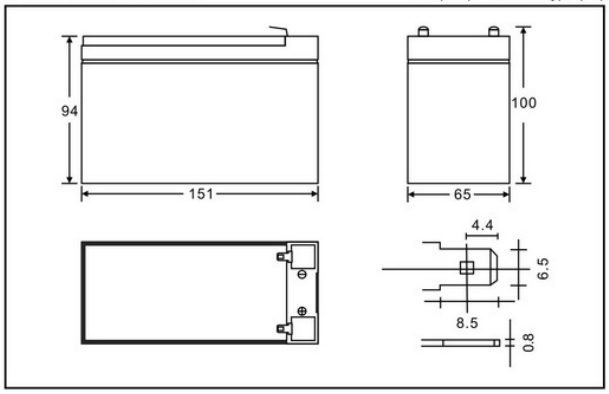
Karta katalogowa
BAT0214

5 901436 715528

Akumulator żelowy VIPOW 12V 7.5Ah

Plane Chart:

Unit:(mm) Terminal type:(F2)



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		

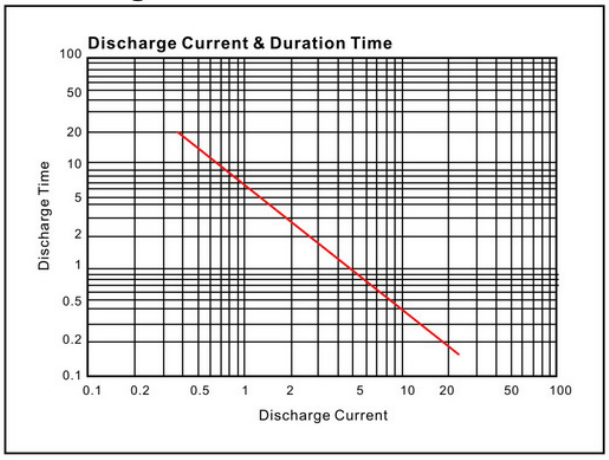
Carton Sealing	Accessories	
① Packing Strap	Bolts&nuts	Mini Charger
② Shrink	With	Optional

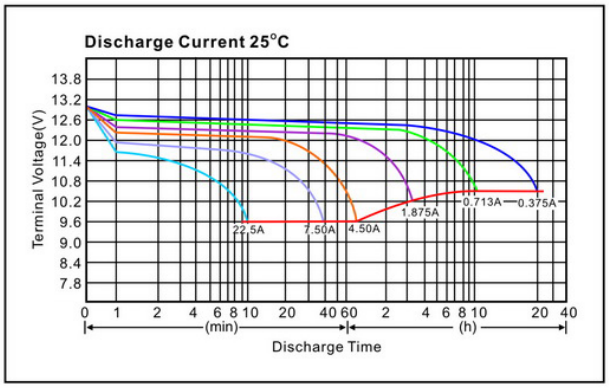
Parameter Chart:

Volts		12V	
Capacity(25°C)		20 hours rate (0.375A)	7.5Ah
Discharge Current Testing (25°C)		20 I_{20} rate (7.5A, 27min)	39min
		60 I_{20} rate(22.5A, 7min)	8.5min
Internal Rasistance		Full Charged Battery 25°C	21mΩ
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 1.875A Current Charge 6hrs at 0.75A Current (25°C)	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 2.25A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)			2.45Kg

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

Discharge Curve





http://www.vipow.pl

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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	20.70	15.53	11.25	7.58	4.43	2.48	1.875	1.500	1.320	1.080	0.705	0.368
1.75V/cell	21.45	15.83	11.48	7.73	4.49	2.55	1.950	1.575	1.350	1.095	0.720	0.375
1.70V/cell	23.40	16.80	12.15	8.03	4.58	2.63	2.003	1.598	1.373	1.118	0.734	0.381
1.65V/cell	25.73	18.23	13.20	8.48	4.58	2.64	2.025	1.617	1.388	1.125	0.743	0.383
1.60V/cell	27.90	19.13	13.88	8.85	4.65	2.70	2.040	1.628	1.403	1.148	0.750	0.390

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	271.17	199.62	159.98	95.13	54.59	29.57	21.857	18.064	15.075	12.664	8.420	4.410
1.75V/cell	313.83	216.23	167.36	98.78	56.22	30.15	22.298	18.386	15.300	12.857	8.550	4.500
1.70V/cell	333.45	224.06	172.49	101.03	57.24	30.66	22.500	18.707	15.386	13.114	8.595	4.523
1.65V/cell	348.44	229.41	176.45	102.42	57.92	30.99	22.662	18.900	15.440	13.243	8.613	4.532
1.60V/cell	360.00	234.00	180.00	103.50	58.50	31.31	22.788	19.093	15.480	13.371	8.613	4.532

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)
10 PCS	340*310*128	24.50	1.12*1	63	1.54	10	6300
			1.12*0.75	66	1.62	2	1320