

# 12V65AH

## VALVE REGULATED (SEALED) LEAD-ACID BATTERY

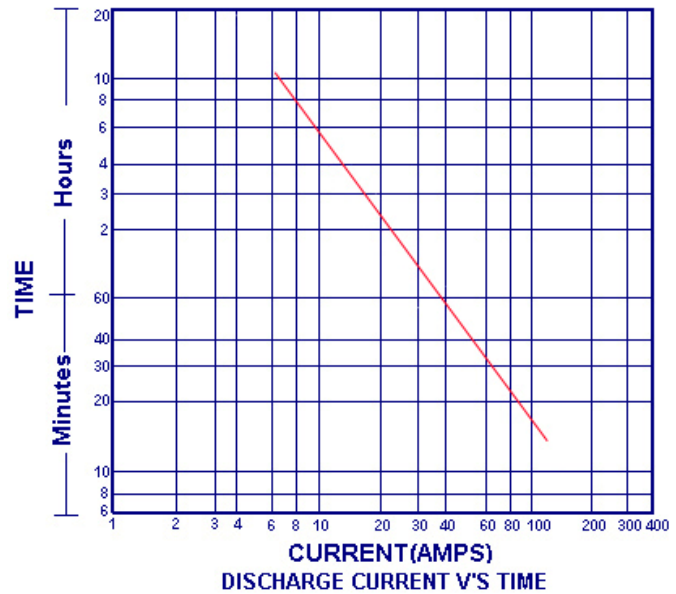
### ● SPECIFICATIONS

NOMINAL VOLTAGE	12V	
NOMINAL CAPACITY	65AH (10Hr Rate)	
DIMENSIONS (mm)	Length	350
	Width	167
	Height	175
	Ht/ Over Terminal	175
Weight (Approx)	20.5Kg	

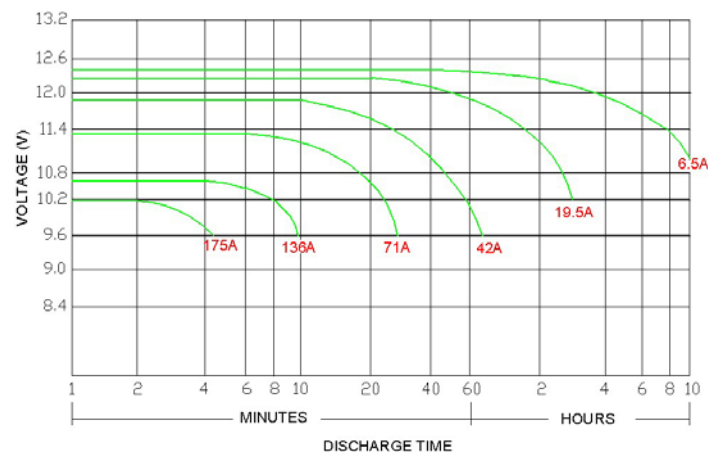


### ● CAPACITY CHARACTERISTICS

CUT OFF VOLTAGE	20Hour Rate (3.35A)	67AH
1.75 v/c @25°C	10 Hour Rate (6.5A)	65AH
1.70v/c	5 Hour Rate(11A)	55AH
1.55v/c	1 Hour Rate(39A)	39AH
1.50v/c	15 Minute Rate(121A)	30AH



Charge Voltage (constant)		BLOC	PER CELL
	Float	13.5-13.8	2.25-2.30
	Cycle	14.7-15.0	2.45-2.50
Discharge Current (A)	5 seconds maximum		650
	maximum continuous		260



MAX. Charge Current	19A
Resistance (Full Charged)	5mΩ
Terminal Type	Insert Female For M8
Self Discharge	9 Months @ 21°C

PERFORMANCE DATA

■ Amperes per battery

Time F.V.	1 min	2 min	3 min	5 min	7 min	10 min	15 min	20 min	30 min	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr
9.60 V	293	268	246	218	179	151	121	86	61	39	24	17	13	7	6
9.90 V	288	258	244	212	175	145	110	85	60	37	23	16	12	7	6
10.20 V	251	228	214	181	160	131	102	77	60	35	22	16	11	7	6
10.50 V	209	190	181	166	146	120	96	74	59	33	21	15	11	6	6
10.80 V	175	168	158	146	133	111	90	72	58	32	20	14	10	6	6
11.00 V	155	144	138	131	116	105	85	70	57	32	20	14	10	6	5
11.10 V	142	134	127	121	109	100	82	70	56	31	19	14	10	6	5

■ Watts per battery

Time F.V.	1 min	2 min	3 min	5 min	7 min	10 min	15 min	20 min	30 min	1 hr	2 hr	3 hr	5 hr	8 hr	10 hr
9.60 V	2519	2344	2226	2080	1787	1553	1201	932	714	419	357	190	123	84	71
9.90 V	2490	2326	2208	2074	1712	1490	1153	913	707	409	313	183	120	82	69
10.20 V	2344	2167	1992	1881	1635	1424	1108	893	697	402	268	179	117	78	68
10.50 V	2003	1956	1892	1758	1547	1324	1078	859	670	391	251	176	115	76	67
10.80 V	1845	1786	1728	1611	1435	1224	1026	837	658	388	248	173	112	75	66
11.00 V	1734	1663	1599	1499	1318	1172	984	820	625	385	246	171	111	74	64
11.10 V	1693	1611	1547	1435	1283	1142	972	815	619	381	244	169	109	73	63

■ Ambient temperature : 20°C (68°F)

■ Above table without consideration of maintenance factor