

12V70AH

VALVE REGULATED (SEALED) LEAD-ACID BATTERY

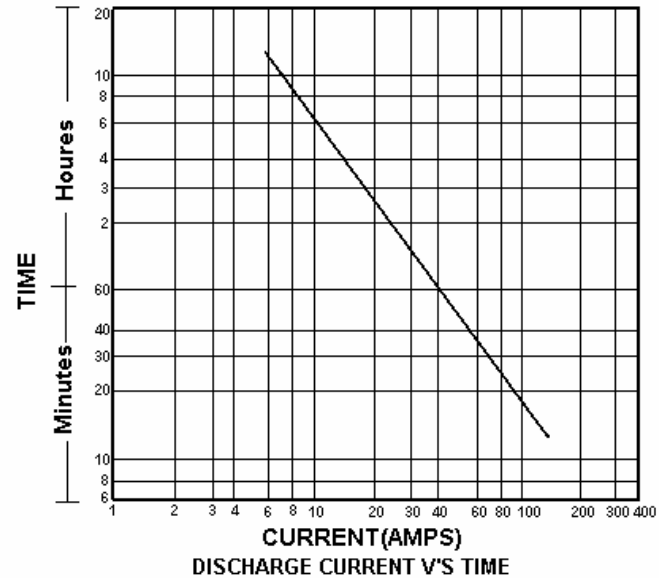
● SPECIFICATIONS

NOMINAL VOLTAGE	12V	
NOMINAL CAPACITY	65AH (10Hr Rate)	
DIMENSIONS (mm)	Length	350
	Width	167
	Height	175
	Ht/ Over Terminal	175
Weight (Approx)	22Kg	

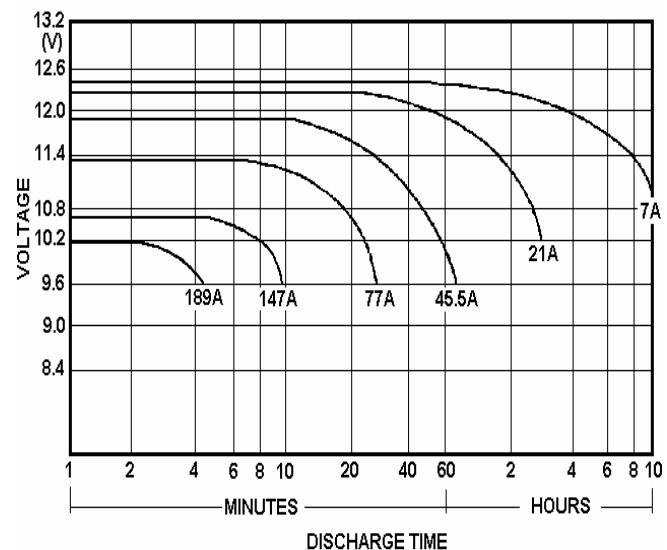


● CAPACITY CHARACTERISTICS

CUT OFF VOLTAGE	20Hour Rate (3.65A)	73AH
1.75 v/c @25°C	10 Hour Rate (7A)	70AH
1.70v/c	5 Hour Rate(12A)	60AH
1.55v/c	1 Hour Rate(42A)	42AH
1.50v/c	15 Minute Rate(131A)	32AH



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		700
	maximum continuous		280



MAX. Charge Current	21A
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	315	289	265	235	192	160	131	92	70	42	26	18	12	8	7
9.90 V	310	278	263	229	189	156	119	91	66	41	25	18	12	8	7
10.20 V	259	246	231	194	172	142	109	83	64	38	24	17	11	7	6
10.50 V	210	205	194	179	158	129	103	80	63	37	23	17	11	7	6
10.80 V	189	181	170	158	144	120	98	78	62	35	22	16	11	7	6
11.00 V	168	154	148	142	124	113	91	76	61	34	21	15	10	7	6
11.10 V	153	145	137	130	118	107	88	75	60	33	20	15	10	7	6

■ 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	2709	2520	2394	2237	1922	1670	1292	1002	768	450	384	204	132	90	76
9.90 V	2678	2501	2375	2230	1841	1602	1240	982	760	440	337	198	129	87	74
10.20 V	2520	2331	2142	2012	1758	1531	1191	960	750	432	288	192	126	84	73
10.50 V	2155	2104	2035	1890	1663	1424	1159	924	720	420	270	189	123	82	72
10.80 V	1985	1922	1859	1733	1544	1317	1103	900	708	417	267	186	120	81	71
11.00 V	1865	1789	1720	1613	1418	1260	1058	882	672	414	265	184	118	80	70
11.10 V	1821	1733	1663	1544	1380	1229	1046	876	666	410	263	182	116	78	68

■ Ambient temperature : 20°C (68°F)

■ Above table without consideration of maintenance factor