



# EVH Series

## Extended Discharge Tables

12V Top Terminal VRLA-AGM

\* Published specification data is subject to change without notice

### EVH12150

#### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	30MIN	45MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
<b>1.60V</b>	20.0	14.4	11.2	7.85	6.18	4.33	3.35	2.74	2.17	1.79	1.43	0.79
<b>1.65V</b>	19.9	14.2	11.1	7.81	6.13	4.27	3.32	2.73	2.16	1.78	1.42	0.78
<b>1.67V</b>	19.9	14.1	11.0	7.79	6.11	4.25	3.31	2.73	2.16	1.78	1.42	0.78
<b>1.70V</b>	19.8	13.9	10.9	7.73	6.03	4.23	3.30	2.72	2.15	1.77	1.41	0.77
<b>1.75V</b>	19.5	13.8	10.8	7.66	6.00	4.17	3.27	2.71	2.14	1.76	1.39	0.76
<b>1.80V</b>	19.0	13.8	10.7	7.50	5.83	4.08	3.19	2.64	2.10	1.74	1.38	0.75
<b>1.85V</b>	18.2	13.3	10.4	7.38	5.72	3.94	3.09	2.56	2.03	1.68	1.33	0.72

#### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	30MIN	45MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
<b>1.60V</b>	221	165	129	91.4	71.0	49.6	38.9	31.9	25.3	21.0	17.1	8.98
<b>1.65V</b>	220	164	128	91.0	70.6	49.3	38.7	31.8	25.2	20.9	17.0	8.97
<b>1.67V</b>	220	163	128	90.8	70.5	49.2	38.6	31.7	25.2	20.9	17.0	8.96
<b>1.70V</b>	218	162	127	89.9	70.0	49.0	38.4	31.5	25.1	20.8	16.9	8.92
<b>1.75V</b>	215	159	125	88.7	69.4	48.8	38.1	31.1	24.9	20.7	16.8	8.82
<b>1.80V</b>	211	157	123	87.3	68.6	47.9	37.5	30.7	24.6	20.5	16.7	8.74
<b>1.85V</b>	206	155	121	85.3	66.6	46.7	36.3	29.6	23.8	19.9	16.4	8.52

### EVH12240

#### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	30MIN	45MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
<b>1.60V</b>	29.9	22.0	17.7	13.0	10.3	7.50	5.84	4.84	3.83	3.16	2.57	1.31
<b>1.65V</b>	29.7	21.8	17.6	12.9	10.2	7.46	5.83	4.80	3.81	3.15	2.56	1.30
<b>1.67V</b>	29.6	21.7	17.5	12.9	10.2	7.44	5.83	4.78	3.80	3.15	2.56	1.30
<b>1.70V</b>	29.4	21.6	17.4	12.8	10.1	7.41	5.82	4.77	3.79	3.14	2.55	1.29
<b>1.75V</b>	29.0	21.3	17.2	12.7	10.0	7.32	5.74	4.73	3.74	3.09	2.52	1.28
<b>1.80V</b>	28.4	21.1	17.0	12.5	10.0	7.16	5.65	4.64	3.69	3.06	2.49	1.27
<b>1.85V</b>	27.0	20.2	16.2	11.9	9.56	6.85	5.44	4.47	3.53	2.91	2.34	1.17

#### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	30MIN	45MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
<b>1.60V</b>	346	257	208	154	123	88.9	69.9	58.6	46.4	38.3	31.4	16.2
<b>1.65V</b>	344	257	207	153	122	88.8	69.8	57.9	46.0	38.2	31.3	16.1
<b>1.67V</b>	343	257	207	153	122	88.7	69.8	57.6	45.9	38.1	31.2	16.1
<b>1.70V</b>	340	256	206	152	121	87.9	69.1	57.4	45.7	38.0	31.0	16.0
<b>1.75V</b>	338	255	205	151	120	87.3	68.4	56.9	45.4	37.8	30.7	15.9
<b>1.80V</b>	331	247	199	147	118	85.1	67.1	55.9	44.7	37.2	30.3	15.7
<b>1.85V</b>	313	240	193	142	115	82.9	65.3	54.4	43.4	36.1	29.6	15.4



# EVH Series

## Extended Discharge Tables

12V Top Terminal VRLA-AGM

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### EVH12390

#### Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V/Time	30MIN	45MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
<b>1.60V</b>	39.6	28.2	23.3	17.8	14.4	10.4	8.25	6.93	5.58	4.68	3.89	2.13
<b>1.65V</b>	38.8	27.9	23.0	17.6	14.3	10.3	8.21	6.89	5.53	4.62	3.83	2.08
<b>1.67V</b>	38.5	27.7	22.9	17.5	14.2	10.3	8.19	6.87	5.51	4.60	3.81	2.06
<b>1.70V</b>	37.4	27.0	22.4	17.2	14.0	10.2	8.13	6.79	5.43	4.53	3.73	2.01
<b>1.75V</b>	36.4	26.6	22.0	16.8	13.7	10.1	8.04	6.71	5.36	4.46	3.67	1.96
<b>1.80V</b>	35.4	26.0	21.6	16.6	13.5	9.93	7.94	6.62	5.29	4.40	3.60	1.91
<b>1.85V</b>	34.3	25.5	21.1	16.2	13.3	9.78	7.80	6.52	5.20	4.33	3.54	1.87

#### Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V/Time	30MIN	45MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR
<b>1.60V</b>	475	340	280	213	172	124	99.0	83.2	67.0	56.2	46.6	25.5
<b>1.65V</b>	466	336	277	211	171	123	98.4	82.6	66.4	55.6	45.9	25.0
<b>1.67V</b>	463	335	276	210	170	123	98.1	82.4	66.2	55.3	45.6	24.8
<b>1.70V</b>	451	328	271	207	168	122	97.2	81.5	65.2	54.4	44.8	24.1
<b>1.75V</b>	438	319	265	204	166	120	96.2	80.5	64.4	53.6	44.0	23.5
<b>1.80V</b>	425	312	260	201	163	119	95.0	79.4	63.4	52.8	43.3	22.9
<b>1.85V</b>	412	302	253	197	160	117	93.7	78.2	62.5	52.0	42.6	22.4