

USE Charging Time - EV26 with 80AH pack

Using 60% for 1 hour rate and no additional time on charge. Also with added 10%.

Single Battery	Pack Voltage	SOC	DOD	AH to Full for 60% of 80AH (48AH)	Charge Time at 2A/Hr AH/2	Charge Time For 110% ** Charge Density (AH/2)*1.1	Charge Time at 2.5A/Hr AH/2.5	Charge Time For 110% ** Charge Density (AH/2.5)*1.1	Charge Time at 3A/Hr AH/3	Charge Time For 110% ** Charge Density (AH/3)*1.1
13.00	338.0	100%	0.0%	0.0	0	0.0	0	0.0	0	0.0
12.95	336.7	96.2%	3.8%	1.8	0.9	1.0	0.7	0.8	0.6	0.7
12.90	335.4	92.3%	7.7%	3.7	1.8	2.0	1.5	1.6	1.2	1.4
12.85	334.1	88.5%	11.5%	5.5	2.8	3.0	2.2	2.4	1.8	2.0
12.80	332.8	84.6%	15.4%	7.4	3.7	4.1	3.0	3.2	2.5	2.7
12.75	331.5	80.8%	19.2%	9.2	4.6	5.1	3.7	4.1	3.1	3.4
12.70	330.2	76.9%	23.1%	11.1	5.5	6.1	4.4	4.9	3.7	4.1
12.65	328.9	73.1%	26.9%	12.9	6.5	7.1	5.2	5.7	4.3	4.7
12.60	327.6	69.2%	30.8%	14.8	7.4	8.1	5.9	6.5	4.9	5.4
12.55	326.3	65.4%	34.6%	16.6	8.3	9.1	6.6	7.3	5.5	6.1
12.50	325.0	61.6%	38.5%	18.5	9.2	10.2	7.4	8.1	6.2	6.8
12.45	323.7	57.7%	42.3%	20.3	10.2	11.2	8.1	8.9	6.8	7.4
12.40	322.4	53.9%	46.1%	22.1	11.1	12.2	8.9	9.7	7.4	8.1
12.35	321.1	50.0%	50.0%	24.0	12.0	13.2	9.6	10.6	8.0	8.8
12.30	319.8	46.2%	53.8%	25.8	12.9	14.2	10.3	11.4	8.6	9.5
12.25	318.5	42.3%	57.7%	27.7	13.8	15.2	11.1	12.2	9.2	10.2
12.20	317.2	38.5%	61.5%	29.5	14.8	16.2	11.8	13.0	9.8	10.8
12.15	315.9	34.6%	65.4%	31.4	15.7	17.3	12.6	13.8	10.5	11.5
12.10	314.6	30.8%	69.2%	33.2	16.6	18.3	13.3	14.6	11.1	12.2
12.05	313.3	26.9%	73.1%	35.1	17.5	19.3	14.0	15.4	11.7	12.9
12.00	312.0	23.1%	76.9%	36.9	18.5	20.3	14.8	16.2	12.3	13.5
11.95	310.7	19.3%	80.7%	38.8	19.4	21.3	15.5	17.1	12.9	14.2
11.90	309.4	15.4%	84.6%	40.6	20.3	22.3	16.2	17.9	13.5	14.9
11.85	308.1	11.6%	88.4%	42.4	21.2	23.3	17.0	18.7	14.1	15.6
11.80	306.8	7.7%	92.3%	44.3	22.1	24.4	17.7	19.5	14.8	16.2
11.75	305.5	3.9%	96.1%	46.1	23.1	25.4	18.5	20.3	15.4	16.9
11.70	304.2	0.0%	100.0%	48.0	24.0	26.4	19.2	21.1	16.0	17.6

* panasonic says charge time to be AH required/initial charge A + 3 to 5 hours

** e-mail from Rick Ramsey UPGI said that you have to charge to 130% charge density to achieve/retain 100% charge - potential overcharge - will use 10%