

Constant Current/Power Discharge Ratings for PHR Batteries

Constant Current Discharge (Amperes) at 25°C

PHR-12100	Constant Power Discharge (Watts/Cell) at 25°C (Blue)														
	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V	61.29	47.04	38.98	33.70	26.10	19.20	16.22	8.33	6.52	5.30	4.32	3.75	3.02	2.53	1.39
1.80V	82.34	60.14	47.15	39.91	30.82	22.31	18.17	9.09	7.01	5.66	4.64	4.02	3.21	2.60	1.40
1.75V	92.80	66.13	51.52	42.89	31.97	23.23	18.97	9.42	7.14	5.78	4.76	4.13	3.26	2.67	1.41
1.70V	102.24	72.11	54.97	45.08	33.23	24.15	19.55	9.66	7.34	5.94	4.88	4.22	3.31	2.73	1.44
1.67V	110.45	76.96	58.13	47.70	34.97	24.65	19.95	9.77	7.63	6.12	4.99	4.30	3.35	2.77	1.46
1.65V	112.70	77.74	58.42	47.84	35.07	24.72	20.01	9.80	7.65	6.14	5.01	4.31	3.36	2.78	1.46
1.60V	124.31	84.41	62.44	51.06	37.03	25.76	20.24	10.20	7.88	6.33	5.18	4.40	3.39	2.81	1.47
1.85V	112.12	86.94	72.79	63.59	49.68	36.91	31.28	16.17	12.70	10.36	8.47	7.37	5.97	5.00	2.75
1.80V	148.92	109.82	86.71	74.06	57.73	42.66	34.84	17.53	13.59	11.00	9.05	7.87	6.31	5.15	2.77
1.75V	164.34	118.79	93.61	78.89	59.45	43.81	36.22	18.11	13.78	11.21	9.26	8.06	6.41	5.28	2.79
1.70V	175.95	126.50	98.55	82.34	61.52	45.43	37.26	18.53	14.14	11.48	9.48	8.22	6.49	5.38	2.84
1.67V	187.42	133.89	103.44	86.45	64.21	45.98	37.72	18.62	14.64	11.79	9.67	8.34	6.56	5.46	2.87
1.65V	191.25	135.24	103.96	86.71	64.40	46.11	37.83	18.68	14.68	11.83	9.70	8.37	6.58	5.48	2.88
1.60V	206.08	143.52	109.36	91.42	67.50	47.84	38.06	19.39	15.06	12.17	9.99	8.53	6.63	5.53	2.89

Constant Current Discharge (Amperes) at 25°C

PHR-12300	Constant Power Discharge (Watts/Cell) at 25°C (Blue)														
	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V	157.44	123.74	105.23	88.09	70.03	53.02	43.36	24.00	19.00	15.50	12.50	10.90	8.84	7.55	4.12
1.80V	211.37	158.13	127.19	104.07	82.57	61.64	48.53	26.20	20.40	16.60	13.40	11.70	9.38	8.00	4.16
1.75V	238.28	173.77	138.92	112.01	85.79	63.94	50.83	27.20	20.80	16.90	13.80	12.00	9.54	8.08	4.20
1.70V	262.43	189.40	148.35	117.64	89.24	66.47	52.44	28.36	21.40	17.40	14.10	12.20	9.67	8.16	4.28
1.67V	283.55	202.43	156.99	124.63	93.90	67.99	54.00	29.01	22.23	17.95	14.46	12.46	9.79	8.31	4.33
1.65V	289.34	204.47	157.78	125.01	94.19	68.19	54.16	29.10	22.30	18.00	14.50	12.50	9.82	8.33	4.34
1.60V	319.13	221.95	168.70	133.17	99.36	71.07	56.12	30.00	23.00	18.50	15.00	12.80	9.92	8.42	4.36
1.85V	287.84	228.62	196.42	165.94	133.40	101.77	83.60	46.70	37.00	30.30	24.50	21.40	17.40	14.90	8.16
1.80V	382.37	288.76	234.14	193.31	155.02	117.53	93.26	50.60	39.60	32.20	26.20	22.90	18.50	15.80	8.23
1.75V	421.93	312.22	252.65	205.96	159.62	120.75	97.06	52.30	40.20	32.80	26.80	23.40	18.70	15.90	8.30
1.70V	451.72	332.58	266.00	214.82	165.14	125.12	99.82	54.20	41.20	33.60	27.40	23.90	19.00	16.10	8.45
1.67V	481.23	352.02	279.20	225.87	172.33	126.69	102.16	55.23	42.67	34.60	28.02	24.23	19.14	16.35	8.52
1.65V	491.05	355.58	280.60	226.55	172.85	127.07	102.46	55.40	42.80	34.70	28.10	24.30	19.20	16.40	8.55
1.60V	529.12	377.32	295.20	238.62	181.13	131.79	105.46	57.00	43.90	35.60	28.90	24.80	19.40	16.50	8.58

PHR-12150	Constant Power Discharge (Watts/Cell) at 25°C (Blue)														
	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V	76.70	58.88	48.76	42.20	32.55	24.03	20.24	10.40	8.14	6.62	5.40	4.69	3.78	3.16	1.73
1.80V	102.93	75.21	58.88	49.79	38.41	27.95	22.65	11.40	8.76	7.07	5.80	5.03	4.01	3.26	1.75
1.75V	116.04	82.69	64.40	53.59	39.91	28.98	23.69	11.80	8.93	7.23	5.95	5.16	4.08	3.34	1.77
1.70V	127.76	90.04	68.66	56.35	41.52	30.13	24.49	12.10	9.17	7.42	6.10	5.27	4.13	3.41	1.80
1.67V	138.06	96.20	72.66	59.62	43.68	30.84	24.99	12.26	9.54	7.66	6.25	5.37	4.19	3.47	1.81
1.65V	140.88	97.17	73.02	59.80	43.81	30.93	25.07	12.30	9.57	7.68	6.27	5.39	4.20	3.48	1.82
1.60V	155.36	105.57	78.08	63.71	46.34	32.20	25.30	12.80	9.86	7.92	6.48	5.50	4.24	3.52	1.83
1.85V	140.19	108.68	90.96	79.46	62.10	46.11	39.10	20.20	15.90	12.90	10.60	9.21	7.46	6.25	3.43
1.80V	186.07	137.31	108.45	92.57	72.22	53.24	43.47	21.90	17.00	13.70	11.30	9.84	7.89	6.43	3.46
1.75V	205.39	148.46	116.96	98.67	74.29	54.74	45.31	22.60	17.20	14.00	11.60	10.10	8.01	6.60	3.49
1.70V	219.88	158.13	123.16	102.81	76.94	56.69	46.57	23.20	17.70	14.40	11.80	10.30	8.11	6.72	3.55
1.67V	234.30	167.36	129.30	108.12	80.26	57.44	47.12	23.33	18.34	17.75	12.06	10.47	8.20	6.83	3.59
1.65V	239.08	169.05	129.95	108.45	80.50	57.61	47.27	23.40	18.40	17.80	12.10	10.50	8.22	6.85	3.60
1.60V	257.60	179.40	136.73	114.31	84.41	59.68	47.49	24.20	18.80	15.20	12.50	10.70	8.28	6.91	3.61

PHR-12350	Constant Power Discharge (Watts/Cell) at 25°C (Blue)														
	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V	185.29	148.61	128.39	107.49	85.46	64.69	52.90	30.83	23.09	19.00	15.91	13.92	11.16	9.63	5.14
1.80V	248.77	189.90	155.19	126.99	100.75	75.21	59.22	33.04	24.86	20.11	16.90	14.81	11.82	9.94	5.33
1.75V	280.44	208.69	169.51	136.67	104.68	78.02	62.02	34.36	25.85	20.88	17.35	15.25	12.15	10.21	5.46
1.70V	308.87	227.47	181.01	143.55	108.89	81.11	63.99	36.24	27.18	21.77	18.34	16.02	12.71	10.61	5.59
1.67V	333.73	243.11	191.56	152.07	114.58	82.96	65.89	37.45	28.20	22.58	18.84	16.52	13.11	10.87	5.75
1.65V	340.54	245.56	192.52	152.53	114.92	83.21	66.09	37.57	28.29	22.65	18.89	16.57	13.15	10.91	5.77
1.60V	375.59	266.55	205.85	162.49	121.24	86.72	68.48	38.56	29.06	23.09	19.34	16.90	13.37	11.16	5.86
1.85V	338.78	274.56	239.67	202.48	162.77	124.18	102.01	60.44	45.52	37.46	31.60	27.73	22.32	19.23	10.29
1.80V	450.03	346.80	285.69	235.88	189.15	143.41	113.80	64.53	48.73	39.55	33.37	29.28	23.42	19.89	10.63
1.75V	496.59	374.97	308.28	251.31	194.76	147.34	118.43	66.85	50.38	40.77	34.03	30.05	24.20	20.33	10.88
1.70V	531.65	399.42	324.56	262.12	201.50	152.67	121.80	70.27	53.03	42.54	35.91	31.49	25.19	21.10	11.16
1.67V	566.38	422.77	340.67	275.60	210.27	154.59	124.65	72.15	54.75	43.95	36.79	32.39	25.89	21.59	11.46
1.65V	577.94	427.04	342.38	276.43	210.90	155.05	125.03	72.37	54.91	44.08	36.90	32.48	25.96	21.66	11.49
1.60V	622.74	453.14	360.20	291.16	221.00	160.81	128.67	73.92	56.02	44.97	37.68	33.04	26.41	22.10	11.71

PHR-12200	Constant Power Discharge (Watts/Cell) at 25°C (Blue)														
	5 min	10 min	15 min	20 min	30 min	45 min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V	108.21	85.10	72.33	60.49	48.07	36.45	29.78	16.50	13.10	10.70	8.60	7.49	6.08	5.19	2.83
1.80V	145.36	108.79	87.40	71.53	56.81	42.32	33.35	18.00	14.10	11.40	9.23	8.03	6.45	5.50	2.86
1.75V	163.88	119.49	95.56	76.94	58.99	43.93	34.96	18.70	14.30	11.60	9.46	8.25	6.56	5.56	2.89
1.70V	180.44	130.29	102.01	80.96	61.29	45.66	35.99	19.40	14.70	11.90	9.71	8.42	6.65	5.61	2.94
1.67V	194.97	139.12	107.90	85.65	64.55	46.66	37.15	19.94	15.25	12.36	9.95	8.58	6.73	5.71	2.97
1.65V	198.95	140.53	108.45	85.91	64.74	46.81	37.26	20.00	15.30	12.40	9.98	8.61	6.75	5.73	2.98
1.60V	219.42	152.60	115.92	91.54	68.31	48.87	38.64	20.70	15.80	12.70	10.30	8.79	6.82	5.79	3.00
1.85V	197.91	157.20	135.01	114.08	91.66	70.03	57.50	32.10	25.50	20.90	16.90	14.70	12.00	10.30	5.61
1.80V	262.89	198.49	161.00	132.94	106.60	80.73	64.05	34.80	27.20	22.20	18.00	15.70	12.70	10.90	5.66
1.75V	290.03	214.59	173.65	141.56	109.71	83.03	66.70	35.90	27.60	22.60	18.40	16.10	12.90	11.00	5.70
1.70V	310.50	228.62	182.85	147.66	113.51	86.02	68.66	37.30	28.40	23.10	18.90	16.40	13.00	11.10	5.81
1.67V	330.89	242.05	192.01	155.24	11										