



VRLA-AGM Baterías

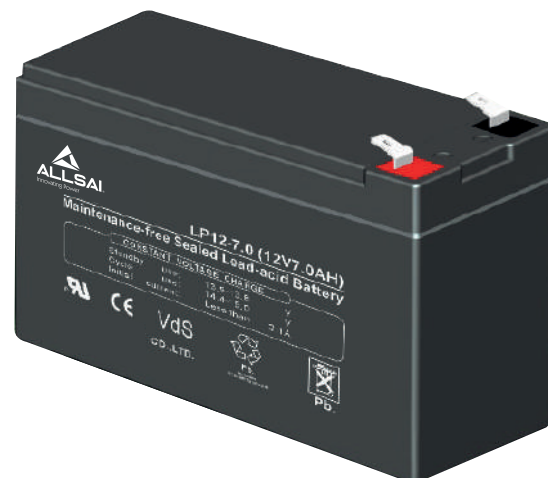


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LP Series

General Features

- ◆ Using oxygen recombination technology: maintenance-free
- ◆ PbCaSn alloy for plate grids: less gassing, less self-discharging
- ◆ High quality AGM separator: extend cycle life and prevent micro short circuit
- ◆ ABS material: increase the strength of battery container. (Flame-retardant ABS is optional)
- ◆ High purity raw material: ensure low self discharge rate
- ◆ Silver-coated copper terminals (T1, T2 terminal), brass insert terminals and lead terminals improve the electric conductivity



LP Models and Parameters (Small size)

Typical Applications

- ◆ All purpose ◆ Uninterruptable Power Supply (UPS) ◆ Electric Power System (EPS) ◆ DC power supply ◆ Auto control system
- ◆ Emergency backup power supply ◆ Emergency light ◆ Railway signal ◆ Aircraft signal ◆ Alarm and security system
- ◆ Electronic apparatus and equipment ◆ Communication power supply

Model	Nominal Voltage (V)	Rated Capacity (Ah)				Approx Dimension								Approx Weight		Terminal type
		20HR	10HR	5HR	1HR	Length		Width		Height		Total Height				
						1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	mm	in.	mm	in.	mm	in.	
LP4-3.5	4	3.50	3.26	2.94	2.12	90	3.54	34.0	1.34	59.0	2.32	65.0	2.56	0.45	0.99	T1
LP4-4.5	4	4.50	4.19	3.78	2.73	52.5	2.07	48.0	1.89	94.0	3.70	100.0	3.94	0.60	1.32	T1
LP4-5.0	4	5.00	4.65	4.20	3.04	91	3.58	50.0	1.97	74	2.91	74.0	2.91	0.66	1.46	T1
LP4-8.0	4	8.00	7.44	6.80	5.02	91	3.58	50.0	1.97	101	3.98	101.0	3.98	0.97	2.14	T2
LP4-10	4	10.0	9.30	8.50	6.28	101.5	4.00	50.0	1.97	94	3.70	100.0	3.94	1.14	2.51	T2
LP6-1.0	6	1.00	0.93	0.84	0.607	51	2.01	42.0	1.65	51	2.01	57.0	2.24	0.25	0.55	T1
LP6-1.2	6	1.20	1.12	1.01	0.728	97	3.82	24.0	0.94	51.5	2.03	57.5	2.26	0.29	0.64	T1
LP6-2.0	6	2.00	1.86	1.68	1.21	43	1.69	37.0	1.46	76.0	2.99	76.0	2.99	0.34	0.75	/
LP6-2.8	6	2.80	2.60	2.35	1.70	66	2.60	33.0	1.30	97.0	3.82	103.0	4.06	0.57	1.26	T1
LP6-3.2	6	3.20	2.98	2.69	1.94	134	5.28	34.0	1.34	60.0	2.36	66.0	2.60	0.67	1.48	T1
LP6-4.0	6	4.00	3.72	3.36	2.43	70	2.76	47.0	1.85	100.0	3.94	106.0	4.17	0.74	1.63	T1
LP6-4.0H	6	4.00	3.72	3.36	2.43	70	2.76	47	1.85	100	3.94	106	4.17	0.73	1.61	T1
LP6-4.5	6	4.50	4.19	3.78	2.73	70	2.76	47.0	1.85	100.0	3.94	104.5	4.11	0.81	1.79	T1
LP6-4.5H	6	4.50	4.19	3.78	2.73	70	2.76	47	1.85	100	3.94	106	4.17	0.75	1.65	T1
LP6-4.5S	6	4.50	4.19	3.78	2.73	67	2.64	67.0	2.64	96.0	3.78	109.0	4.29	0.78	1.72	S
LP6-5.0	6	5.00	4.65	4.20	3.04	169	6.65	35.0	1.38	70.0	2.76	74.0	2.91	0.95	2.09	T1
LP6-5.4	6	5.40	5.02	4.53	3.28	70	2.76	47.0	1.85	100.0	3.94	106.0	4.17	0.80	1.76	T1
LP6-6.0	6	6.00	5.58	5.05	3.64	70	2.76	47.0	1.85	100.0	3.94	106.0	4.17	0.90	1.98	T1
LP6-7.0	6	7.00	6.51	5.95	4.40	150	5.91	34.0	1.3	94.0	3.70	100.0	3.94	1.12	2.47	T2
LP6-7.2	6	7.20	6.70	6.12	4.52	150	5.91	34.0	1.3	94.0	3.70	100.0	3.94	1.20	2.65	T2
LP6-7.5	6	7.50	6.98	6.40	4.71	150	5.91	34.0	1.3	94.0	3.70	100.0	3.94	1.26	2.78	T2

Note: model number followed with H-tall version and L-long version

LP Models and Parameters Continued (Small size)

Model	Nominal Voltage (V)	Rated Capacity (Ah)				Approx Dimension								Approx Weight		Terminal type
						Length		Width		Height		Total Height				
		20HR	10HR	5HR	1HR	mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs	
LP6-7.8	6	7.80	7.25	6.63	4.90	150	5.91	34.0	1.3	94.0	3.70	100.0	3.94	1.28	2.82	T2
LP6-8.5	6	8.50	7.91	7.25	5.34	150	5.91	34.0	1.3	94.0	3.70	100.0	3.94	1.20	2.65	T2
LP6-8.5H	6	8.50	7.91	7.25	5.34	98	3.86	56.0	2.2	118.0	4.65	120.0	4.72	1.52	3.35	T2
LP6-10	6	10.0	9.30	8.50	6.28	151	5.94	51.0	2.0	94.0	3.70	100.0	3.94	1.62	3.57	T2
LP6-12	6	12.0	11.20	10.20	7.54	151	5.94	51.0	2.0	94.0	3.70	100.0	3.94	1.80	3.97	T2
LP6-13	6	13.0	12.09	11.05	8.16	108	4.25	70.0	2.8	140.0	5.51	140.0	5.51	2.24	4.94	NTI/PT2
LP6-14	6	14.0	13.00	11.90	8.79	151	5.94	51.0	2.0	94.0	3.70	100.0	3.94	2.05	4.52	T2
LP6-20	6	20.0	18.60	17.00	12.60	157	6.18	83.0	3.3	125.0	4.92	125.0	4.92	3.21	7.08	T3-A
LP6-36	6	36.0	33.50	30.60	22.60	161	6.34	87.0	3.4	163.0	6.42	169.0	6.65	5.50	12.1	T2
LP6-42	6	42	39.1	35.7	26.4	161	6.3	87.0	3.4	163.0	6.42	169.0	6.65	5.80	12.8	T2
LP8-3.2	8	3.20	2.98	2.69	1.94	134	5.3	36.5	1.4	63.0	2.48	69.0	2.72	0.75	1.65	T1
LP12-0.8	12	0.80	0.74	0.67	0.486	96	3.8	25.0	1.0	62.0	2.44	62.0	2.44	0.36	0.79	/
LP12-1.2	12	1.20	1.12	1.01	0.728	97	3.8	43.0	1.7	52.0	2.05	58.0	2.28	0.57	1.26	T1
LP12-1.9	12	1.90	1.77	1.60	1.15	178	7.0	35.0	1.4	60.0	2.36	66.0	2.60	0.88	1.94	T1
LP12-2.2	12	2.20	2.05	1.85	1.34	70	2.8	48.0	1.9	98.0	3.86	104.0	4.09	0.80	1.76	T1
LP12-2.3	12	2.30	2.14	1.93	1.40	178	7.0	35.0	1.4	60.0	2.36	66.0	2.60	0.97	2.14	T1
LP12-2.8	12	2.80	2.60	2.35	1.70	132	5.2	33.0	1.3	98.0	3.86	104.0	4.09	1.18	2.60	T1
LP12-2.9	12	2.90	2.70	2.44	1.76	79	3.1	56.0	2.2	99.0	3.90	105.0	4.13	1.10	2.43	T1
LP12-3.2	12	3.20	2.98	2.69	1.94	134	5.3	67.0	2.6	60.5	2.38	66.5	2.62	1.35	2.98	T1
LP12-4.0L	12	4.00	3.72	3.36	2.43	195	7.7	47.0	1.9	70.0	2.76	76.0	2.99	1.60	3.53	T1
LP12-4.0	12	4.00	3.72	3.36	2.43	90	3.5	70.0	2.8	101.0	3.98	107.0	4.21	1.45	3.20	T1
LP12-4.5	12	4.50	4.19	3.78	2.73	90	3.5	70.0	2.8	101.0	3.98	107.0	4.21	1.50	3.31	T1
LP12-5.0	12	5.00	4.65	4.20	3.04	151	5.9	53.0	2.1	93.0	3.66	99.0	3.90	1.75	3.86	T1
LP12-5.4	12	5.40	5.02	4.54	3.28	90	3.5	70.0	2.8	101.0	3.98	107.0	4.21	1.65	3.64	T1
LP12-6.0	12	5.80	5.58	5.05	3.64	90	3.5	70.0	2.8	101.0	3.98	107.0	4.21	1.88	4.15	T1
LP12-6.0H	12	6.00	5.58	5.05	3.64	140	5.5	48.0	1.9	102.0	4.02	103.0	4.06	1.68	3.70	NTI/PT2
LP12-6.5	12	6.50	6.05	5.55	4.08	151	5.9	65.0	2.6	93.5	3.68	99.0	3.90	2.08	4.59	T1
LP12-7.0E	12	6.20	5.71	4.88	3.90	151	6	65.0	2.6	93.5	3.7	99.00	3.9	1.85	4.08	T2
LP12-7.0	12	7.00	6.53	5.80	4.26	151	5.9	65.0	2.6	93.5	3.68	99.0	3.90	2.20	4.85	T2
LP12-7.2	12	7.20	6.72	6.05	4.44	151	5.9	65.0	2.6	93.5	3.68	99.0	3.90	2.35	5.18	T2
LP12-7.5	12	7.50	7.00	6.25	4.56	151	5.9	65.0	2.6	93.5	3.68	99.0	3.90	2.35	5.18	T2
LP12-7.8	12	7.80	7.28	6.50	4.74	151	5.9	65.0	2.6	93.5	3.68	99.0	3.90	2.50	5.51	T2
LP12-8.5	12	8.50	7.93	7.15	5.31	151	5.9	65.0	2.6	93.5	3.68	99.0	3.90	2.45	5.40	T2
LP12-9.0	12	9.00	8.31	7.55	6.24	151	5.9	65.0	2.6	93.5	3.68	99.0	3.90	2.66	5.87	T2
LP12-10	12	10.0	9.30	8.50	6.28	151	5.9	98.0	3.9	95.0	3.74	101.0	3.98	3.25	7.17	T2
LP12-10H	12	10.0	9.30	8.50	6.28	151	5.9	65.0	2.6	111.0	4.37	117.0	4.61	3.20	7.06	T2
LP12-12	12	12.0	11.2	10.2	7.54	151	5.9	98.0	3.9	95.0	3.74	101.0	3.98	3.50	7.72	T2
LP12-14	12	14.0	13.0	11.9	8.79	151	5.9	98.0	3.9	95.0	3.74	101.0	3.98	4.05	8.93	T2
LP12-15	12	15.0	14.0	12.8	9.42	181.5	7.1	77.0	3.0	167.5	6.59	167.5	6.59	4.70	10.4	T3
LP12-18	12	18.0	16.7	15.3	11.3	181.5	7.1	77.0	3.0	167.5	6.59	167.5	6.59	5.40	11.9	T3
LP12-20	12	20.0	18.6	17.0	12.6	181.5	7.1	77.0	3.0	167.5	6.59	167.5	6.59	5.78	12.7	T12
LP12-24	12	24.0	22.3	20.4	15.1	166.0	6.5	175.0	6.9	125.0	4.92	125.0	4.92	7.20	15.9	T3
LP12-24H	12	24.0	22.3	20.4	15.1	164.0	6.5	125.0	4.9	175.0	6.89	175.0	6.89	8.45	18.6	T12
LP12-26	12	26.0	24.2	22.1	16.3	166.0	6.5	175.0	6.9	125.0	4.92	125.0	4.92	7.80	17.2	T12
LP12-28	12	28.0	26.0	23.8	17.6	166.0	6.5	175.0	6.9	125.0	4.92	125.0	4.92	8.40	18.5	T3
LP12-28H	12	28.0	26.0	23.8	17.6	164.0	6.5	125.0	4.9	175.0	6.89	175.0	6.89	9.10	20.1	T3-A
LP12-30	12	29.0	27.0	24.7	18.2	166.0	6.5	175.0	6.9	125.0	4.92	125.0	4.92	8.60	19.0	T3
LP12-30H	12	30.0	27.9	25.5	18.8	195.0	7.7	130.0	5.1	164.0	6.46	178.0	7.01	9.70	21.4	T5
LP12-33	12	33.0	30.7	28.1	20.7	195.0	7.7	130.0	5.1	164.0	6.46	178.0	7.01	10.5	23.2	T5
LP12-35	12	35.0	32.6	29.8	22.0	195.0	7.7	130.0	5.1	164.0	6.46	178.0	7.01	11.2	24.7	T5

LP Models and Parameters (Middle size)

Typical Applications

- ◆ All purpose ◆ Uninterruptible Power Supply (UPS) ◆ Electric Power System (EPS) ◆ Emergency backup power supply
- ◆ Emergency light ◆ Railway signal ◆ Aircraft signal ◆ Alarm and security system ◆ Electronic apparatus and equipment
- ◆ Communication power supply ◆ DC power supply ◆ Autocontrol system

Model	Nominal Voltage (V)	Rated Capacity(Ah)				Approx Dimension								Approx Weight		Terminal type
		20HR	10HR	5HR	1HR	Length		Width		Height		Total Height				
						1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	mm	in.	mm	in.	mm	in.	
LP6-60	6	62.4	60.0	51.5	36.6	185.0	7.3	112.0	4.4	205.0	8.07	205.0	8.07	9.10	20.1	T2
LP6-200H	6	210.0	190.0	172.0	122.0	306.0	12.0	168.0	6.6	222.0	8.74	228.0	8.98	28.0	61.7	T8
LP12-38	12	40.0	38.0	32.7	23.2	197.0	7.8	165.0	6.5	170.0	6.69	170.0	6.69	12.2	26.9	T6
LP12-40	12	40.0	38.5	33.1	23.5	255.0	10.0	97.0	3.8	203.0	7.99	203.0	7.99	12.5	27.6	T7
LP12-45	12	46.8	45.0	38.7	27.5	197.0	7.8	165.0	6.5	170.0	6.69	170.0	6.69	14.2	31.3	T6
LP12-50	12	52.0	50.0	43.0	30.5	257.0	10.1	132.0	5.2	200.0	7.87	200.0	7.87	15.7	34.6	T6
LP12-55	12	57.2	55.0	47.3	33.6	229.0	9.0	138.0	5.4	205.0	8.07	211.0	8.31	16.2	35.7	T6
LP12-60	12	62.4	60.0	51.5	36.60	260.0	10.2	168.0	6.6	208.0	8.19	214.0	8.43	18.4	40.6	T6
LP12-65	12	65.0	60.0	53.6	37.5	348	13.7	167.0	6.6	178.0	7.01	178.0	7.01	19.2	42.3	T6
LP12-70	12	72.8	70.0	60.0	42.7	348	13.7	167.0	6.6	178.0	7.01	178.0	7.01	21.6	47.6	T6
LP12-75	12	78.0	75.0	64.5	45.8	260	10.2	168.0	6.6	208.0	8.19	214.0	8.43	22.3	49.2	T6
LP12-80	12	83.2	80.0	69.0	48.8	260	10.2	168.0	6.6	208.0	8.19	214.0	8.43	23.8	52.5	T6
LP12-90	12	93.6	90.0	77.5	54.9	330	13.0	173.0	6.8	212.0	8.35	220.0	8.66	27.8	61.3	T11
LP12-100E	12	103.0	100.0	83.0	59.4	330	12.99	173.0	6.81	213.0	8.39	220.0	8.66	28.2	62.2	T11
LP12-100	12	104.0	100.0	88.0	63.8	330	13.0	173.0	6.8	212.0	8.35	220.0	8.66	30.6	67.5	T11
LP12-120	12	124.8	120.0	103.2	73.2	408	16.1	177.0	7.0	225.0	8.86	225.0	8.86	34.0	75.0	T11
LP12-135	12	140.4	135.0	116.0	82.4	345	13.6	172.0	6.8	274.0	10.79	280.0	11.02	41.2	90.8	T11
LP12-150	12	156.0	150.0	129.0	91.5	483	19.0	170.0	6.7	238.5	9.39	238.5	9.39	43.2	95.3	T11
LP12-180	12	187.2	180.0	155.0	109.8	532	20.9	207.0	8.1	214.0	8.43	220.0	8.66	53.6	118.2	T11
LP12-200	12	208.0	200.0	172.0	122.0	522	20.6	240.0	9.4	218.0	8.58	224.0	8.82	59.8	131.9	T11
LP12-250	12	260.0	250.0	215.0	152.5	522	20.6	268.0	10.6	220.0	8.66	226.0	8.90	72.5	159.9	T11



LA INNOVACIÓN ES PARTE
DE NUESTRA ESENCIA

LP II Models and Parameters (2V Series)

Typical Applications

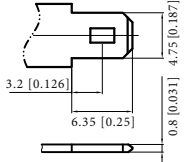
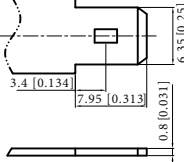
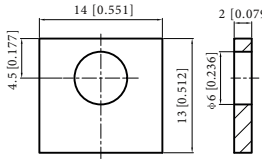
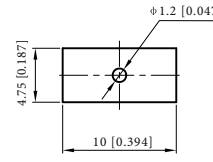
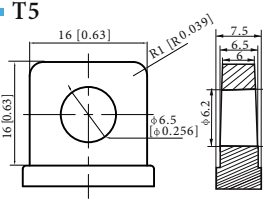
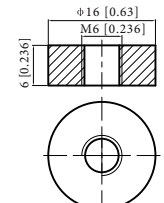
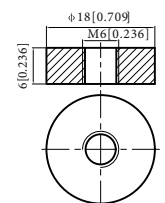
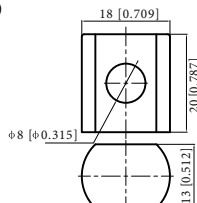
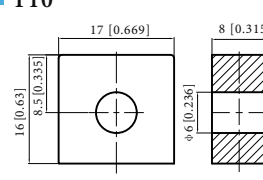
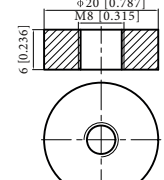
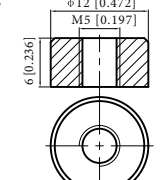
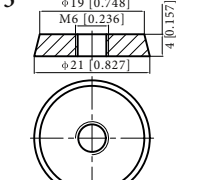
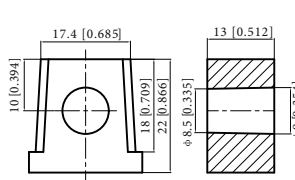
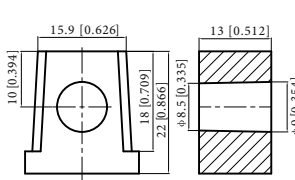
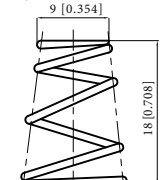
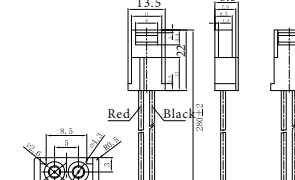
- ◆ Tele-communication central station (wired or cellular)
- ◆ Power system communication, military communication, etc.
- ◆ Network communication including: data transmission, television signal transmission, etc.
- ◆ Uninterruptible Power System (UPS-for Telecom)

Model	Nominal Voltage (V)	Rated Capacity (Ah)				Approx Dimension								Approx Weight		Terminal type
		20HR	10HR	5HR	1HR	Length		Width		Height		Total Height				
						1.80V/cell	1.80V/cell	1.75V/cell	1.60V/cell	mm	in.	mm	in.	mm	in.	
LP2-65	2	68.2	65.0	56.5	39.5	170	6.7	72.0	2.8	205.0	8.07	214.0	8.43	4.5	9.9	T6
LP2-100	2	105.0	100.0	87.0	60.7	170	6.7	72.0	2.8	205.0	8.07	214.0	8.43	5.8	12.8	T6
LP2-120	2	126.0	120.0	104.5	72.8	170	6.7	98.0	3.9	205.0	8.07	214.0	8.43	7.4	16.3	T7
LP2-150	2	157.6	150.0	130.5	91.1	170	6.7	98.0	3.9	205.0	8.07	214.0	8.43	8.4	18.5	T7
LP2-200	2	210.0	200.0	174.0	121.4	170	6.7	110.0	4.3	328.0	12.91	350.0	13.78	12.7	28.0	T11
LP2-250	2	262.0	250.0	217.5	151.8	170	6.7	110.0	4.3	328.0	12.91	350.0	13.78	13.8	30.4	T11
LP2-300	2	316.0	300.0	261.0	182.1	170	6.7	150.0	5.9	330.0	12.99	350.0	13.78	17.7	39.0	T11
LP2-350	2	368.0	350.0	304.5	212.5	170	6.7	150.0	5.9	330.0	12.99	350.0	13.78	19.3	42.6	T11
LP2-400	2	420.0	400.0	348.0	242.8	210	8.3	175.0	6.9	330.0	12.99	350.0	13.78	24.3	53.6	T11
LP2-450	2	472.0	450.0	391.5	273.2	210	8.3	175.0	6.9	330.0	12.99	350.0	13.78	26.0	57.3	T11
LP2-500	2	526.0	500.0	435.0	303.5	240	9.4	175.0	6.9	327.5	12.89	347.5	13.68	29.0	63.9	T11
LP2-600	2	630.0	600.0	522.0	364.2	300	11.8	175.0	6.9	330.0	12.99	350.0	13.78	35.7	78.7	T11
LP2-800	2	840.0	800.0	696.0	485.6	410	16.1	175.0	6.9	330.0	12.99	350.0	13.78	50.4	111.1	T11
LP2-1000	2	1050.0	1000.0	870.0	607.0	475	18.7	175.0	6.9	328.0	12.91	350.0	13.78	60.0	132.3	T11
LP2-1200	2	1260.0	1200.0	1044.0	728.4	475	18.7	175.0	6.9	328.0	12.91	350.0	13.78	66.4	146.4	T11
LP2-1500	2	1576.0	1500.0	1305.0	910.5	403	15.9	354.0	13.9	339.0	13.35	349.0	13.74	96.0	211.7	T11
LP2-2000	2	2100.0	2000.0	1740.0	1214.0	490	19.3	350.0	13.8	339.0	13.35	349.0	13.74	121.0	266.8	T11
LP2-3000	2	3150.0	3000.0	2610.0	1821.0	709	27.9	350.0	13.8	337.0	13.27	347.0	13.66	180.0	396.9	T11



VRLA-AGM BATTERY TERMINAL OPTIONS

Unit:mm[inch]

T1 	T2 	T3 	T4 
T5 	T6 	T7 	T9 
T10 	T11 	T12 	T13 
T141 	T142 	Spring Terminal 	Connector 

ACERCA DE ALLSAI

Allsai es una compañía con más de 15 años de experiencia en el mercado latino americano y se caracteriza por innovar continuamente en las diferentes soluciones de respaldo de energía.

Actualmente contamos con un amplio portafolio de soluciones que agrega valor al negocio de nuestros clientes, logrando posicionar nuestra marca en toda la región con un sello de calidad y respaldo que hace la diferencia.

