

# Coslight Lithium Ion Battery Specifications

## Sep-09

GY.DY/GG2009-09

Type	Voltage	Nominal Capacity(mAh)	Size(mm)			Weight (g)
	(V)		Thickness	Width	Length ( from bottom Ni strip to negative pole )	
CP354153AR	3.7	800	3.8	40.80±0.15	52.40±0.20	18.00±1.00
CP363048A		500	4.00	29.6±0.15	47.5±0.20	12.00 ± 1.00
CP363443A		550	3.90	33.40 ± 0.15	42.60 ± 0.20	13.00 ± 1.00
CP363446A		530	3.90	33.40 ± 0.15	45.50 ± 0.20	13.00 ± 1.00
CP363455A		700	3.90	33.60 ± 0.15	54.50 ± 0.20	16.00 ± 1.00
CP363560A		750	3.90	34.70 ± 0.15	59.50 ± 0.20	17.00 ± 1.00
CP363450A		670	4.00	33.4±0.15	48.5±0.20	15.00 ± 1.00
CP374873AR		1400	4.00	47.7 ± 0.15	73.2±0.2	31.00 ± 1.00
CP393450A		720	4.20	33.50 ± 0.15	49.4±0.20	16.00 ± 1.00
CP392746A		450	4.30	26.60 ± 0.15	45.50 ± 0.20	11.00 ± 1.00
CP393048A		550	4.20	29.70 ± 0.15	47.40 ± 0.20	13.00 ± 1.00
CP393455A		720	4.20	33.50 ± 0.15	54.50 ± 0.20	16.00 ± 1.00
CP394055A		1000	4.20	39.80±0.15	54.40 ± 0.20	20.00±1.00
CP404054AR		1010	4.3	39.8±0.15	53.8±0.2	20.00±1.00
CP404065A		1000	4.30	39.80±0.15	64.10 ± 0.20	25.00±1.00
CP413041A		520	4.40	29.75 ± 0.15	40.30 ± 0.20	13.00 ± 1.00
CP413048A		650	4.50	29.75 ± 0.15	47.5±0.20	15.00 ± 1.00
CP413436A		580	4.50	33.80 ± 0.15	35.50 ± 0.20	14.00 ± 1.00
CP413441A		620	4.40	33.60 ± 0.15	40.10±0.20	14.00±1.00
CP413443A		650	4.50	33.80 ± 0.15	42.50 ± 0.20	15.00 ± 1.00
CP413450A		800	4.50	33.80 ± 0.15	49.50 ± 0.20	18.00 ± 1.00
CP413946AR		800	4.4	38.80±0.15	45.60±0.20	18.00±1.00
CP423362A		1000	4.5	32.6±0.15	62.1±0.2	20.00±1.00
CP423450AR		830	4.60	33.80 ± 0.15	49.50 ± 0.20	19.00 ± 1.00
CP423450AX		820	4.55	33.70±0.15	49.10±0.20	18.00±1.00
CP423762A		1100	4.5	36.8±0.15	62.1±0.2	22.00±1.00
CP424059A		1100	4.50	39.80 ± 0.15	59.40 ± 0.20	23.00 ± 1.00
CP433041A		550	4.60	29.80 ± 0.15	40.40 ± 0.20	13.00 ± 1.00
CP433443AR		700	4.60	33.80 ± 0.15	42.90±0.20	15.00 ± 1.00
CP433443A		730	4.70	33.60 ± 0.15	42.50 ± 0.20	15.00 ± 1.00
CP433446AR		800	4.60	33.80 ± 0.15	45.9 ± 0.20	17.00 ± 1.00
CP433450A		850	4.70	33.60 ± 0.15	49.4±0.20	18.00 ± 1.00
CP433450AR		830	4.60	33.80 ± 0.15	49.5±0.20	19.00 ± 1.00
<b>Remark:</b>						
A: Aluminium Case                      R: Round Angle						
Capacity test method : Under enviroment temperature of 25 ± 5 , Charged at 1C current to limited-voltage of 4.2V, then tapered the charge current to 0.01C or continued for 3.0 hours, after rest 10minues, discharged at constant 0.2C current to end-voltage of 3V.						

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	(V)		Thickness	Width	Length ( from bottom Ni strip to negative pole )	
CP453042A	3.7	620	4.90	29.80±0.15	41.60±0.20	14.00±1.00
CP453048A		700	4.90	29.80±0.15	47.50±0.20	15.00±1.00
CP453436A		500	4.90	33.70±0.15	35.60±0.20	12.00±1.00
CP463450AR		800	5.00	33.50±0.15	49.50±0.20	18.00±1.00
CP473041A		620	5.10	29.80±0.15	40.40±0.20	14.00±1.00
CP474050A		1050	5.05	39.7±0.15	49.8±0.20	22.00±1.00
CP474153A		1200	5	41.1±0.15	52.6±0.2	24.00±1.00
CP474451A		1270	5.00	43.8±0.15	50.50±0.20	29.00±1.00
CP483040A		530	5.10	29.60±0.15	39.60±0.20	13.00±1.00
CP053048A		780	5.40	29.95±0.15	47.60±0.20	17.00±1.00
CP053443A		830	5.40	33.80±0.15	42.50±0.20	18.00±1.00
CP053450A		920	5.40	33.80±0.15	49.60±0.20	20.00±1.00
CP053443AR		830	5.4	33.6±0.15	42.6±0.2	18.00±1.00
CP053450AR		920	5.40	33.60±0.15	48.9±0.20	21.00±1.00
CP054037A		850	5.4	39.50±0.15	36.60±0.2	18.00±1.00
CP054450A		1300	5.4	43.70±0.15	49.60±0.2	26.00±1.00
CP523436A		630	5.6	33.7±0.15	36.6±0.2	15.00±1.00
CP523436A		700	5.60	33.70±0.15	35.6±0.20	16.00±1.00
CP523443A		850	5.60	33.70±0.15	42.50±0.20	18.00±1.00
CP523442AR		800	5.5	33.80±0.15	42.00±0.20	18.00±1.00
CP523446A		870	5.50	33.70±0.15	45.60±0.20	19.00±1.00
CP523446AR		870	5.50	33.80±0.15	45.90±0.20	19.00±1.00
CP523450A		1030	5.60	33.70±0.15	49.6±0.20	22.00±1.00
CP523450AR		1030	5.60	33.8±0.15	49.5±0.20	21.00±1.00
CP523640AR		820	5.6	35.8±0.15	39.80±0.20	17.50±1.00
CP523834AR		700	5.6	37.7±0.15	33.80±0.20	16.00±1.00
CP524042AR		900	5.50	39.7±0.15	42±0.20	19.00±1.00
CP533450A		1050	5.60	33.80±0.15	49.50±0.20	22.00±1.00
CP533040A		650	5.60	29.70±0.15	39.40±0.20	15.00±1.00

Remark: A:  
 Aluminium Case R: Round Angle

Capacity test method : Under enviroment temperature of  $25 \pm 5$  , Charged at 1C current to limited-voltage of 4.2V, then tapered the charge current to 0.01C or continued for 3.0 hours, after rest 10minues, discharged at constant 0.2C current to end-voltage of 3V.

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	(V)		Thickness	Width	Length ( from bottom Ni strip to negative pole )	
CP533041A	3.7	700	5.70	29.70±0.15	40.40±0.20	16.00±1.00
CP534135AR		800	5.6	40.80±0.15	34.40±0.20	18.00±1.00
CP543136AR		670	5.8	30.7±0.15	35.8±0.2	15.00±1.00
CP543467A		1200	5.70	33.60±0.15	66.40±0.20	28.00±1.00
CP543745A		1050	5.80	36.80±0.15	44.60±0.20	22.00±1.00
CP554240A		1050	5.9	41.60±0.15	39.60±0.20	23.00±1.00
CP612929A		350	6.40	28.30±0.15	28.50±0.20	11.00±1.00
CP614136AR		950	6.5	40.80±0.15	35.80±0.20	20.00±1.00
CP063443A		870	6.30	33.75±0.15	42.50±0.20	19.00±1.00
CP623443A		1000	6.60	33.75±0.15	42.20±0.20	22.00±1.00
CP063448A		950	6.40	33.75±0.15	47.50±0.20	21.00±1.00
CP613048A		900	6.40	29.50±0.15	47.60±0.20	21.00±1.00
CP063450A		1080	6.40	33.75±0.15	49.50±0.20	23.00±1.00
CP063450ARG		1150	6.4	33.8±0.15	49.6±0.2	23.00±1.00
CP062435AR		500	6.40	23.80±0.15	34.60±0.20	12.00±1.00
CP062435A		500	6.40	23.80±0.15	34.60±0.20	12.00±1.00
CP633041A		800	6.60	29.50±0.15	40.30±0.20	18.00±1.00
CP633770A		2000	6.7	36.6±0.15	69.2±0.2	40.00±1.00
CP773048A		1100	8.40	29.80±0.15	47.50±0.20	24.00±1.00
CP083041A		1000	8.40	29.80±0.15	40.40±0.20	22.00±1.00
CP083443A		1200	8.40	33.70±0.15	42.6±0.20	26.00±1.00
CP083448A		1300	8.40	33.70±0.15	47.30±0.20	29.00±1.00
CP973043A		1100	10.1	29.8±0.15	42.5±0.2	23.00±1.00
Remark: Aluminium Case                      R: Round Angle                      A:						
Capacity test method : Under enviroment temperature of 25 ± 5 , Charged at 1C current to limited-voltage of 4.2V, then tapered the charge current to 0.01C or continued for 3.0 hours, after rest 10minues, discharged at constant 0.2C current to end-voltage of 3V.						

HARBIN COSLIGHT POWER CO., LTD.