














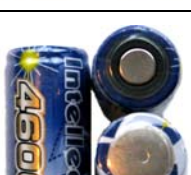







Trade Name	Manufacturer or Submitted By	Manufacturer Data ¹								² 6-cell Pack Weight (grams) (min/max)	Cell Description	Approval Year	
		Nominal Ah Rating	Nominal Volts	Nominal Diameter (mm)	Tolerance	Nominal Length (mm)	Tolerance	Cell Weight (grams)					
								Min	Max				
GP430SCHR	GP Batteries	4.3	1.2	23.0	+0 / -1.0	43.0	+1.0 / -1.0	66	70	408 / 432		Green, pink, and orange shrink wrap with "4300" in green, yellow and white. Cell lettering primarily in black. Yellow label added to shrink wrap surface noting "H-MPV" in black lettering. Cell with black insulator (+) and smooth cell bottom (-)	2007
GP460SCHR	GP Batteries	4.6	1.2	23.0	+0 / -1.0	43.0	+1.0 / -1.0	68	72	420 / 444		Green, pink, and orange shrink wrap with "4600" in green, yellow and white. Cell lettering primarily in black. Cell with black insulator (+) and smooth cell bottom (-)	2007
SC-4200 (Trinity IB Power 4200, EP4200IB)	Intellect Battery Co.	4.2	1.2	23.0	+0 / -0.5	43.0	+0 / -0.5	67	73	414 / 450		<u>Trinity Cells</u> Predominant white shrink wrap with red and black ends. "IB" lettered in bold black letters with "POWER" subset. "4200" in blue lettering with accent lightening bolts. Cell with black insulator (+) and small circle impression on cell bottom (-).	2007
SC-4200 (Team Checkpoint Signature)	Intellect Battery Co.	4.2	1.2	23.0	+0 / -0.5	43.0	+0 / -0.5	67	73	414 / 450		<u>Team Checkpoint</u> Red and black shrink wrap with a red checker pattern on black portion of wrap. "Team Checkpoint" in red and black lettering with "Signature" in yellow. "4200" in silver, red, and white. Remainder lettering in white and silver. Cell with black insulator (+) and small circle impression on cell bottom (-).	2007
SC-4200 Yokomo X4200IB	Intellect Battery Co.	4.2	1.2	23.0	+0 / -0.5	43.0	+0 / -0.5	67	73	414 / 450		<u>Yokomo Cells</u> Light teal shrink wrap with yellow symbol under cell name. "Yokomo" and "ZAP-2" in white/black lettering with "4200" in red and white. Remaining lettering in black. Cell with black insulator (+) and small circle impression on cell bottom (-).	2007

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		Nominal Ah Rating	Nominal Volts	Nominal Diameter (mm)	Tolerance	Nominal Length (mm)	Tolerance	Cell Weight (grams)					
								Min	Max				
VTEC SC4200UP	LRP electronic GmbH	4.2	1.2	23.0	+0 / -1.0	43.0	+0 / -1.0	67	73	414 / 450		White, silver, blue and shrink wrap. Lettering black, red, silver, and white. Cell with black insulator (+) and small circle impression on cell bottom (-).	2007
Eastpower 4200UV	Shenzhen Vigor Power Battery Co.	4.2	1.2	23.0	+0 / -0.2	43.0	+0 / -0.2	NS ₃	71	--- / 438		Red/black shrink wrap with "EP" lettering in black and gray. Cell lettering in silver. Cell with black insulator (+) and smooth cell bottom (-).	2007
SC-4200 (Intellect Cells)	Intellect Battery Co.	4.2	1.2	23.0	+0 / -0.5	43.0	+0 / -0.5	67	73	414 / 450		<u>Intellect Cells</u> Blue and light blue shrink wrap with a yellow sburst next to "4200" lettering. Cell lettering in black, white, silver, gold, and blue. Cell with black insulator (+) and small circle impression on cell bottom (-).	2007
SC-4600SHV OEM1234E (Intellect Cells)	Trinity.	4.6	1.2	22.96	+0 / -0.5	42.93	+0 / -0.5	67	73	414 / 450		<u>Intellect Cells</u> Blue and light blue shrink wrap with a gold SHV above "4600" lettering. Cell lettering in black, white, silver, gold, and blue. Cell with black insulator (+) and small circle impression on cell bottom (-).	2008
SC-4600 Enrichpower (EP)	Trinity	4.6	1.2	22.93	+0 / -0.5	42.94	+0 / -0.5	67	73	414 / 450		Red/black shrink wrap with "EP" lettering in black and gray. Cell lettering in silver. Cell with black insulator (+) and smooth cell bottom (-).	2008
SC-4600UP (VTEC Big Mama)	Aleese	4.6	1.2	22.89	+0 / -0.5	42.78	+0 / -0.5					White, silver, & blue shrink wrap. Lettering black, red, silver, and white. Cell with black insulator (+) and small circle impression on cell bottom (-).	2008

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		Nominal Ah Rating	Nominal Volts	Nominal Diameter (mm)	Tolerance	Nominal Length (mm)	Tolerance	Cell Weight (grams)				
								Min	Max			
SC-4600UP (VTEC Fat Cobra)	Aleese	4.6	1.2	22.95	+0 / -0.5	42.95	+0 / -0.5				White, gray, & blue shrink-wrap. Lettering black, red, gray, and white. Cell with black insulator (+) and smooth cell bottom (-).	2008
4200SHO	Orion	4.2	1.2	22.95	+0 / -0.5	42.57	+0 / -0.5				Blue, white & black shrink-wrap. Silver trim. Lettering Black, blue and white. Cell with black insulator (+) and smooth cell bottom (-).	2008
4555 (Force Max)	Force	4.2	1.2	22.86	+0 / -0.5	42.96	+0 / -0.5				Black & gray carbon look shrink-wrap. Lettering silver. Cell with black insulator (+) and smooth cell bottom (-).	2008
E-power 4500	E-Tang Electronics	4.2	1.2	22.80	+0 / -0.5	43.00	+0 / -0.5	69	71		Light blue shrink-wrap. Lettering black trim/yellow. Cell with black insulator (+) and smooth cell bottom (-).	2009
SC-4600SHV OEM1234H (Intellect Cells)	Intellect	4.6	1.2	23.00	+0 / -0.5	43.00	+0 / -0.5	68	72		Blue and light blue shrink-wrap with a gold SHV above "4600" lettering. Cell lettering in black, white, silver, gold, and blue. Cell with black insulator (+) and small circle impression on cell bottom (-).	2009

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		Nominal Ah Rating	Nominal Volts	Nominal Diameter (mm)	Tolerance	Nominal Length (mm)	Tolerance	Cell Weight (grams)				
								Min	Max			
Vtec 4000 Longlife	LRP	4.0	1.2	23	+0 / -0.5	43;00	+0 / -0.5	62	67		Blue/white shrink -wrap with VTEC™ lettering in white. Cell lettering in silver/blue/black. Cell with black insulator (+) and smooth cell bottom	2009
SC-4600 Enrichpower (EP)	Trinity	4.6	1.2	22.80	+0 / -0.5	42.75	+0 / -0.5	69	71		Red/black shrink-wrap with "EP" lettering in black and gray. Cell lettering in silver. Cell with black insulator (+) and smooth cell bottom (-).	2009
4600SHO	Orion	4.6	1.2	22.8	+0 / -0.5	43	+0 / -0.5	67	72		Light blue & black shrink-wrap. Silver trim. Lettering black, blue and white. Cell with black insulator (+) and smooth cell bottom (-).	2009
4200SHO	Orion	4.2	1.2	22.8	+0 / -0.5	43	+0 / -0.5	65	70		Light blue & black shrink-wrap. Silver trim. Lettering blue and white. Cell with black insulator (+) and smooth cell bottom (-).	2009
Yokomo EU '4600 ZAP 2 EX	Intellect	4.6	1.2	23.00	+0 / -0.5	43.00	+0 / -0.5	68	72		Red/Orange/Yellow shrink-wrap with a gold EU next to Yokomo lettering. Cell lettering in black, white, yellow. Cell with black insulator (+) and small circle impression on cell bottom (-).	2009

Notes:

Effective Date: April 2009



2009 IFMAR Approved Products List: Batteries



1. Batteries verified based upon current 2009 IFMAR battery dimensions of maximum 23 mm for diameter and 43 mm for length (at all times). Dimensions include shrink-wrap. Battery weight verified per cell to be within manufacturer supplied weights.
2. Assembled pack weights based upon manufacturer supplied cell weights (min and max) and includes 12 grams for battery bars/solder.
3. NS = Not supplied by manufacturer.

IFMAR Electric Chairman Frank Mostrey

INTERNATIONAL FEDERATION OF MODEL AUTO RACING

