



NiCd, NiMH and Lithium batteries



## YU-Lite Nickel Cadmium batteries

- Rechargeable with excellent cyclic performance
- Long service life of up to 4 years in emergency lighting applications
- Single cells & multiple pack configurations available for design flexibility
- Fully customisable – any style, connection type & voltage available upon request
- Foamed Nickel technology & 3D mesh structure for higher capacity in smaller can sizes
- High temperature versions tested to ICEL 1010
- Maintenance free
- All popular plugs, leads & tag connections available
- All standard voltage configurations available
- For industrial applications, e.g. emergency lighting

### YU-Lite NiCd high temp D cells - most popular configurations

Cell Qty	Voltage	Capacity (Ah)	Part Number				Dimensions (LxW xH) mm	Part Number				
			Dimensions (LxD) mm	Leads	Leads & Amp Plug	Tags		Faston Tags	Leads	Leads & Amp Plug	Leads, Amp Plug & Back Plate	Tags
2	2.4	4	121x33.5	2DH4-0L4	2DH4-0LA4	2DH4-0T4	2DH4-0F4/LS	66x33.5x62	2DH4-0L3	2DH4-0LA3	2DH4-0LAP3	2DH4-0T3
3	3.6	4	182x33.5	3DH4-0L4	3DH4-0LA4	3DH4-0T4	3DH4-0F4/LS	98x33.5x62	3DH4-0L3	3DH4-0LA3	3DH4-0LAP3	3DH4-0T3
4	4.8	4	241x33.5	4DH4-0L4	4DH4-0LA4	4DH4-0T4	4DH4-0F4/LS	131x33.5x62	4DH4-0L3	4DH4-0LA3	4DH4-0LAP3	4DH4-0T3
5	6	4	302x33.5	5DH4-0L4	5DH4-0LA4	5DH4-0T4	5DH4-0F4/LS	163x33.5x62	5DH4-0L3	5DH4-0LA3	5DH4-0LAP3	5DH4-0T3
6	7.2	4	362x33.5	6DH4-0L4	6DH4-0LA4	6DH4-0T4	6DH4-0F4/LS	195x33.5x62	6DH4-0L3	6DH4-0LA3	6DH4-0LAP3	6DH4-0T3

**Style 4 (stick).** Note: For packs with leads add 4mm to length.

**Style 3 (side by side).** Note: For packs with back plate add 3mm to width. For packs with leads add 4mm to height.





## YU-Lite Nickel Metal Hydride batteries

- Rechargeable with excellent cyclic performance
- Long service life of up to 4 years in emergency lighting applications
- Single cells & multiple pack configurations available for design flexibility
- Fully customisable – any style, connection type & voltage available upon request
- High temperature versions tested to ICEL 1010
- Foamed Nickel technology & 3D mesh structure allows higher capacity in smaller can size
- Maintenance free
- Higher energy density & up to double the capacity\*
- Environmentally friendly – no heavy metals\*
- All popular plugs, leads & tag connections available
- All standard voltage configurations available
- For industrial applications, e.g. emergency lighting

YU-Lite NiMH high temp & standard cells are available in most can sizes. Popular sizes include the D, 4Ah QQ cell (18670), SC, AA & A.

Cell Qty	Voltage	Capacity (Ah)	Dimensions (LxD) mm	Part Number			
				Faston Tags & Leads	Leads & Amp Plug	Tags	Faston Tags
2	2.4	4	144x19	2QQHM4-0LFT	2QQHM4-0LA4	2QQHM4-0T4	2QQHM4-0F4/LS
3	3.6	4	216x19	3QQHM4-0LFT	3QQHM4-0LA4	3QQHM4-0T4	3QQHM4-0F4/LS

Style 4 (stick). Note: For packs with leads add 4mm to length.



\*When compared to equivalent NiCD product





## YU-Lite Lithium primary cell batteries

- Professional specification for industrial & consumer applications
- Premium long-life product
- High capacity
- Primary cell (non-rechargeable)
- Popular for wireless security & fire applications
- Superior shelf life with minimal discharge

Model	Voltage	Capacity (mAh)	Diameter (mm)	Height (mm)
CR2 - 1000	3	1000	15.6	27.0
CR123A - 1700	3	1700	17.0	34.5
ER14505 - 2400	3.6	2400	14.5	50.5



# Fully customisable solutions

## Understanding YU-Lite part numbers

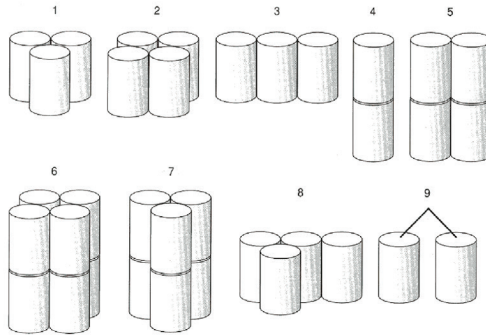
**3 AA Z 400 L 4**

1 2 3 4 5

- 1 Number of cells (3)
- 2 Can size (AA 1/2 size [Z])
- 3 Cell capacity (400mAh)
- 4 Connector type (Leads)
- 5 Pack style (4)

Part numbers for packs incorporate all the information required to identify manufacturing details.

## Pack styles



## All YU-Lite can size & connector options

Can Size	Fraction Code	Diameter (mm)	Height (mm)	Can Size	Fraction Code	Diameter (mm)	Height (mm)	Can Size	Fraction Code	Diameter (mm)	Height (mm)
AA		14.1	48.0	1/2AAA	Z	10.1	25.0	1/3A	Y	16.5	16.5
7/5AA	R	14.1	64.4	1/3AAA	Y	10.1	15.0	AF		16.8	49.0
4/5AA	S	14.1	42.6	1/4AAA	W	10.1	12.0	7/5AF	R	16.8	65.9
2/3AA	X	14.1	28.0	AAAA		7.9	41.5	C		25.3	49.0
1/2AA	Z	14.1	24.0	F		32.2	89.0	2/3C	X	25.3	30.0
2/5AA	T	14.1	21.0	18650		18.0	65.0	1/3C	Y	25.3	19.1
1/3AA	Y	14.1	16.5	18670		18.0	67.0	D		32.2	59.0
AAA		10.1	43.6	A		16.8	49.0	2/3D	X	32.2	43.0
7/5AAA	R	10.1	66.5	7/5A	R	16.8	65.9	1/2D	Z	32.2	35.0
5/4AAA	V	10.1	49.5	4/5A	S	16.8	42.1	1/3D	Y	32.2	29.5
5/6AAA		10.1	41.6	1/2A	Z	16.8	28.0	SC		22.1	42.0
2/3AAA	X	10.1	27.8	2/5A	T	16.8	21.5	5/4SC	V	22.1	49.0

Tag



Leads



JST plug



Standard tag



Female molex plug



Female amp plug



Faston



Male molex plug



Cat. No.	LIT070	08/20
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E. & O. E.

**GS Yuasa Battery Sales UK Ltd**

Unit 13, Hunts Rise, South Marston Industrial Park, Swindon, SN3 4TG

[info@gs-yuasa.uk](mailto:info@gs-yuasa.uk)

+44 (0) 1793 833555

