YU-Lite

NiCd, NiMH and Lithium batteries

Exclusively from GS YUASA

YU-Lite NiCd

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, eg emergency lighting

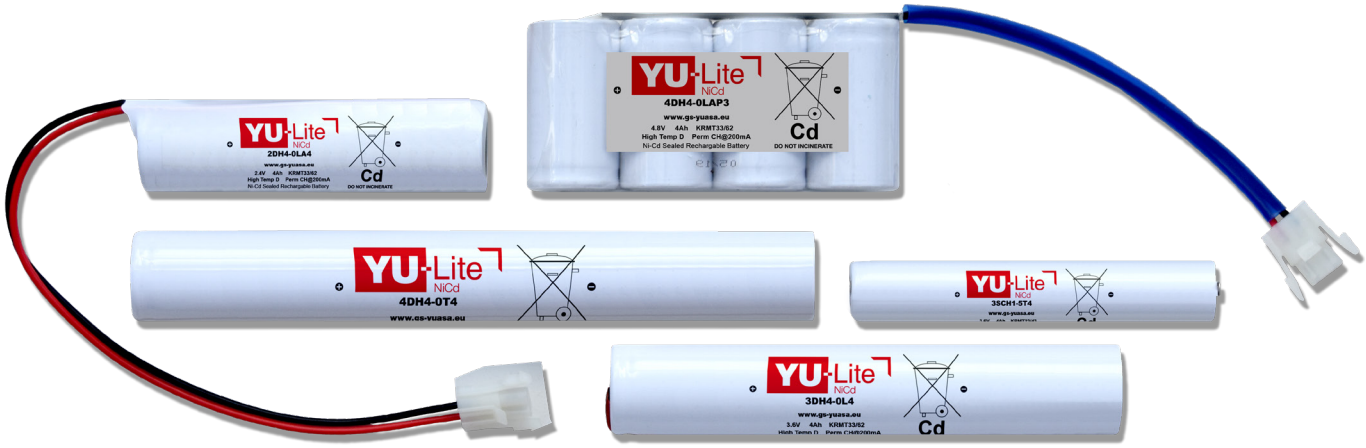
YU-Lite NiCd high temp D cells - most popular configurations

Cell Qty	Voltage	Capacity (Ah)	Dimensions (LxD) mm	Part number: Leads	Leads & Amp Plug	Tags	Faston Tags
2	2.4	4	121x33.5	2DH4-0L4	2DH4-0LA4	2DH4-0T4	2DH4-0F4/LS
3	3.6	4	182x33.5	3DH4-0L4	3DH4-0LA4	3DH4-0T4	3DH4-0F4/LS
4	4.8	4	241x33.5	4DH4-0L4	4DH4-0LA4	4DH4-0T4	4DH4-0F4/LS
5	6	4	302x33.5	5DH4-0L4	5DH4-0LA4	5DH4-0T4	5DH4-0F4/LS
6	7.2	4	362x33.5	6DH4-0L4	6DH4-0LA4	6DH4-0T4	6DH4-0F4/LS

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

Dimensions (LxW xH) mm	Part number: Leads	Leads & Amp Plug	Leads, Amp Plug & Back Plate	Tags
66x33.5x62	2DH4-0L3	2DH4-0LA3	2DH4-0LAP3	2DH4-0T3
98x33.5x62	3DH4-0L3	3DH4-0LA3	3DH4-0LAP3	3DH4-0T3
131x33.5x62	4DH4-0L3	4DH4-0LA3	4DH4-0LAP3	4DH4-0T3
163x33.5x62	5DH4-0L3	5DH4-0LA3	5DH4-0LAP3	5DH4-0T3
195x33.5x62	6DH4-0L3	6DH4-0LA3	6DH4-0LAP3	6DH4-0T3

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 NiMH

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, eg 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	2QQMH4-0LFT4	2QQMH4-0LA4	2QQMH4-0T4	2QQMH4-0F4/LS
3	3.6	4	216x19	3QQMH4-0LFT4	3QQMH4-0LA4	3QQMH4-0T4	3QQMH4-0F4/LS

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

*When compared to equivalent NiCD product.

YU-Lite Lithium

YU-Lite

YU-Lite Lithium 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
ER34615D	3.6	19000	34	62

YU-Lite Alarm System batteries

- Designed for use in Pyronix® wireless security systems
- Non-rechargeable Lithium & rechargeable NiMH options available
- Original equipment quality product
- Superior shelf life with minimal discharge
- High capacity

Model	Voltage	Capacity (mAh)	Dimensions LxWxH (mm)	Chemistry
405050-P2/PYR	3	4700	48x50x9	Lithium
405050-P2/PYR/X2*	3	4700	48x50x9	Lithium
CR-1/3N/KF1/PYR	3	170	12x10x10	Lithium
CR-1/3N/PYR	3	170	12x10x10	Lithium
CR34615D/PYR	3	12000	62x34x34	Lithium
6AAATMH250L7/PYR	7.2	250	43x20x19	NiMH
8AAM2-2LJ3/PYR	9.6	2200	115x50x14	NiMH

*Pack of two. Pyronix® is a registered trademark of Pyronix Ltd.

Fully customisable solutions

Understanding YU-Lite part numbers

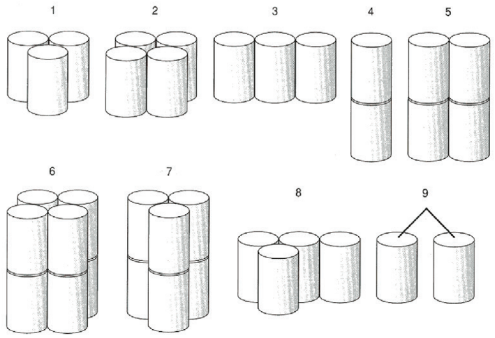
3 QQ * M H 4-0 LFT 4

1 2 3 4 5 6 7 8

1. Number of cells (3)
2. Can size (QQ)
3. Fraction code - if applicable
4. Chemistry (M for NiMH, blank if NiCd)
5. High temp (H) - if applicable
6. Capacity (4-0 = 4000mAh)
7. Accessory code(s)
8. 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)
AA		14.1	48.0
7/5AA	R	14.1	64.4
4/5AA	S	14.1	42.6
2/3AA	X	14.1	28.0
1/2AA	Z	14.1	24.0
2/5AA	T	14.1	21.0
1/3AA	Y	14.1	16.5
AAA		10.1	43.6
7/5AAA	R	10.1	66.5
5/4AAA	V	10.1	49.5
5/6AAA		10.1	41.6
2/3AAA	X	10.1	27.8

Can Size	Fraction Code	Diameter (mm)	Height (mm)
1/2AAA	Z	10.1	25.0
1/3AAA	Y	10.1	15.0
1/4AAA	W	10.1	12.0
AAAA		7.9	41.5
F		32.2	89.0
18650		18.0	65.0
18670 (QQ)		18.0	67.0
A		16.8	49.0
7/5A	R	16.8	65.9
4/5A	S	16.8	42.1
1/2A	Z	16.8	28.0
2/5A	T	16.8	21.5

Can Size	Fraction Code	Diameter (mm)	Height (mm)
1/3A	Y	16.5	16.5
AF		16.8	49.0
7/5AF	R	16.8	65.9
C		25.3	49.0
2/3C	X	25.3	30.0
1/3C	Y	25.3	19.1
D		32.2	59.0
2/3D	X	32.2	43.0
1/2D	Z	32.2	35.0
1/3D	Y	32.2	29.5
SC		22.1	42.0
5/4SC	V	22.1	49.0

Tag

Leads

JST plug

Standard tag

Female molex plug

Female amp plug

Faston

Male molex plug

YU-Lite

NiCd, NiMH and Lithium batteries

Exclusively from GS YUASA

Cat. No. LIT070 10/22
E. & O. E.

www.gs-yuasa.eu
Tel: +44 (0) 1793 833555
Email: info@gs-yuasa.uk

GS YUASA
Creating the Future of Energy