



ELITO

EXPERIENCE THE DIFFERENCE

ELITO



- Brand of Ammararaja Batteries Limited India
- Batteries are manufactured in the Plants of Ammararaja in Tirupati and Chittor India
- Ammararaja are in Battery Manufacturing for over 28 years.
- Plants have a capacity to produce over 14 Mn units / annum of Automotive Batteries & 22 Mn units of Motorcycle Batteries apart from Industrial Batteries.
- Elito has the quality and performance standards which have been experienced/ tested by over 30 Mn customers across the world in the last 20 years.

MANUFACTURING

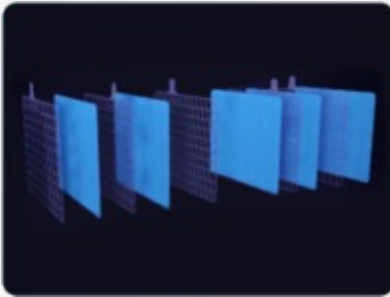


- Manufacturing is World Class with fully integrated Facility
- Oxide manufacture to finished goods dispatch in one complex
- Automation at every possible areas to reduce human intervention to achieve 100 % consistent performance .
- In-house injection molding units
- Govt approved R & D lab for batteries
- Test facilities /Chemical labs to check all incoming raw materials.
- Quality Certification of ISO 9001, Environmental Management of ISO 14001, Six Sigma and all world class systems are implemented

KEY CUSTOMERS



KEY FEATURES



- Designed to give better electrical conductivity
- Frame structure gives higher mechanical strength
- Lug reinforcement improves electrical performance
- Design helps in paste bonding increases cycle life of battery
- Plates & separators for every size are designed to meet high life expectations.
- SMF battery with unique facility to check electrolyte if needed.
- Designed for lower water loss and improved life of battery
- Factory activated computer controlled formation and charging
- Tested for vibration and high heat tolerance.
- Plant manufacturing process is automated with latest technology ensuring the battery quality to have longer life & high performance for customers across globe.

USP



- SMF battery with a facility to top up if required due to faulty Vehicle system
- Longer Shelf life
- Higher Cranking ability helps to save on Auto-electrical repair cost.
- Vibration resistance gives better life in rugged conditions
- Factory Activated batteries under controlled conditions – Longer Life
- Single Vent cover --- Reduces water loss, improves MF performance ,Longer Life
- MF batteries for Commercial Vehicles designed to give longer life ,minimal water loss even in Hot Summers across Countries
- Range covers JIS/DIN/Commercial/ Motorcycle/ Tubular batteries.

PERFORMANCE MARKINGS



WATER LOSS
W4

VIBRATION
V3

CHARGE RETENTION
C2

ENDURANCE
E1

WATER LOSS
W4

Water Loss: rated W1 – W5

The ability to retain water content. The better a battery performs, the less water it will lose in service.
W1 (Traditional lead-acid battery) - W5 (Premium next generation battery technology)

CHARGE RETENTION
C2

Charge Retention: rated C1 - C2

The ability of the battery to retain stored chemical energy (charge) when not in use.
C1 (Traditional lead-acid) - C2 (Modern calcium)

VIBRATION
V3

Vibration Level: rated V1 – V4

The battery's physical ability to resist the potentially damaging effects of vibration.
V1 (Traditional car and light van) - V4 (Extreme heavy duty plant and commercial vehicle)

ENDURANCE
E1

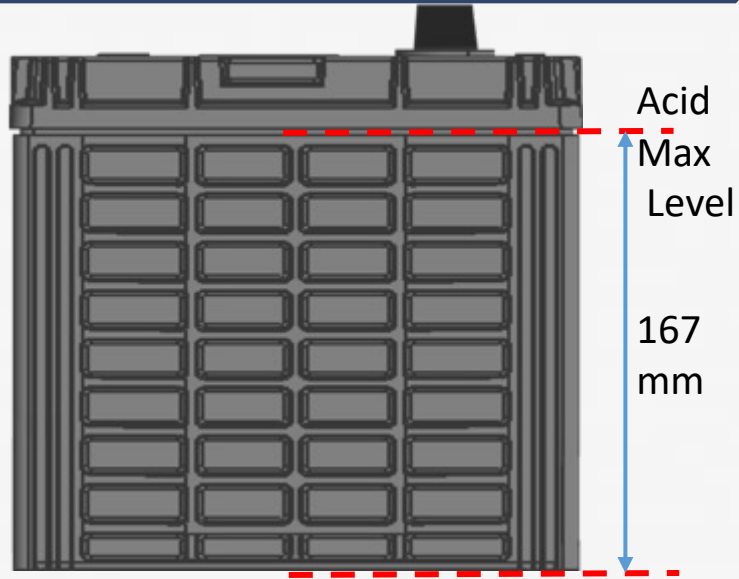
Endurance: rated E1 – E4 (Conventional types only)

The ability to withstand repeated charge/discharge cycles to 50% depth of discharge without failure.
E1 (Conventional car and light van) - E4 (Extreme heavy duty plant and commercial vehicle)

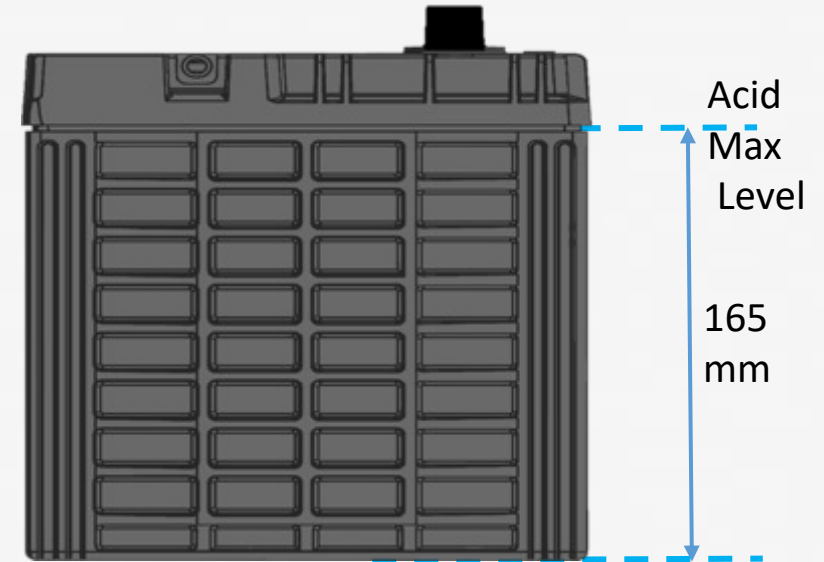
As per EN 50342

Electrolyte details of regular and Single BIC designs

Other Design



Single BIC Design



- Acid level of single BIC battery is 2mm lower than other design battery . This allows free gas flow.
- Vent path of Single BIC design is more when compared to other design. Hence whatever gases produced will come back in to the battery and reduces water loss.

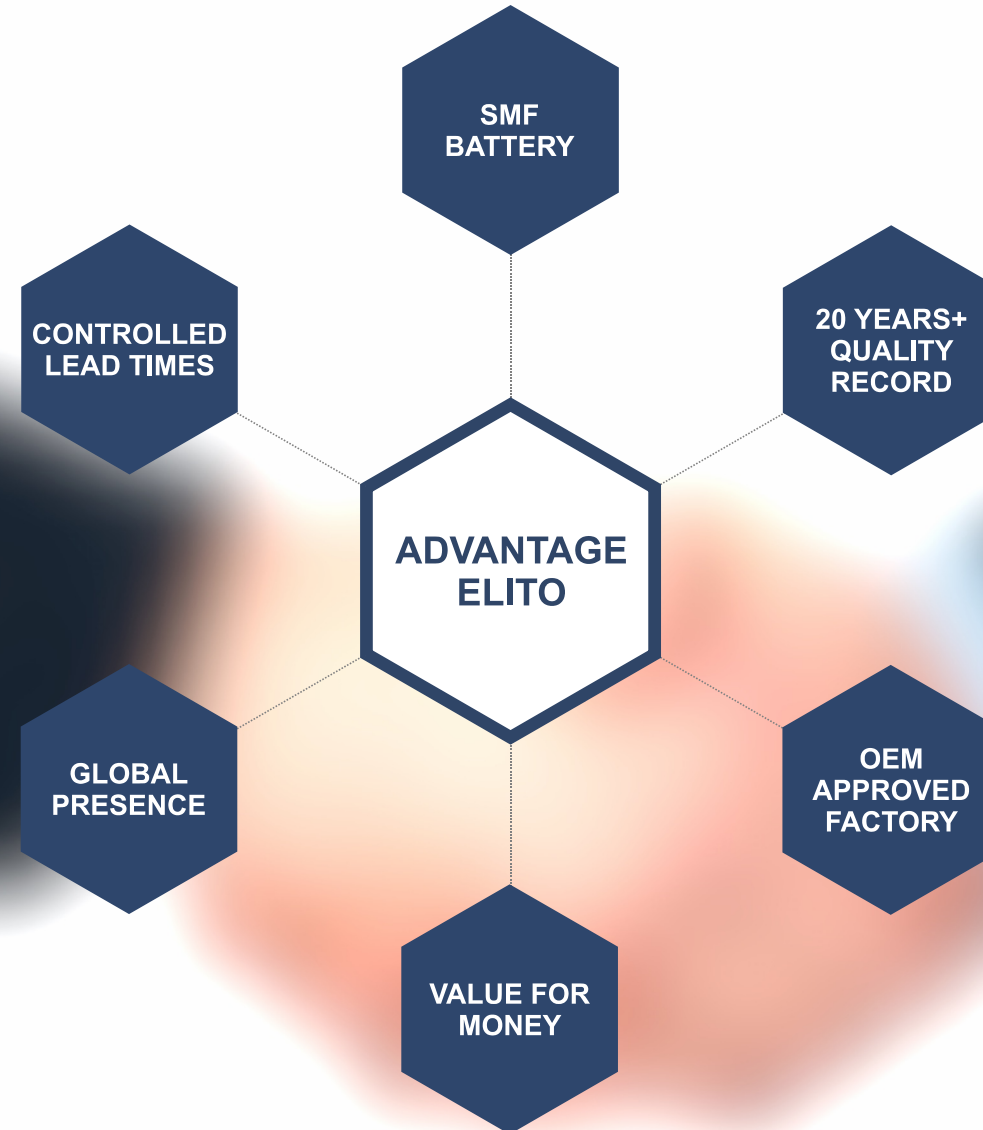
SINGLE COVER DESIGN



- * Unique Venting Design for lower water loss
- * SMF Battery with difference
- * Lower Water loss leading to longer life



ADVANTAGES / BENEFITS

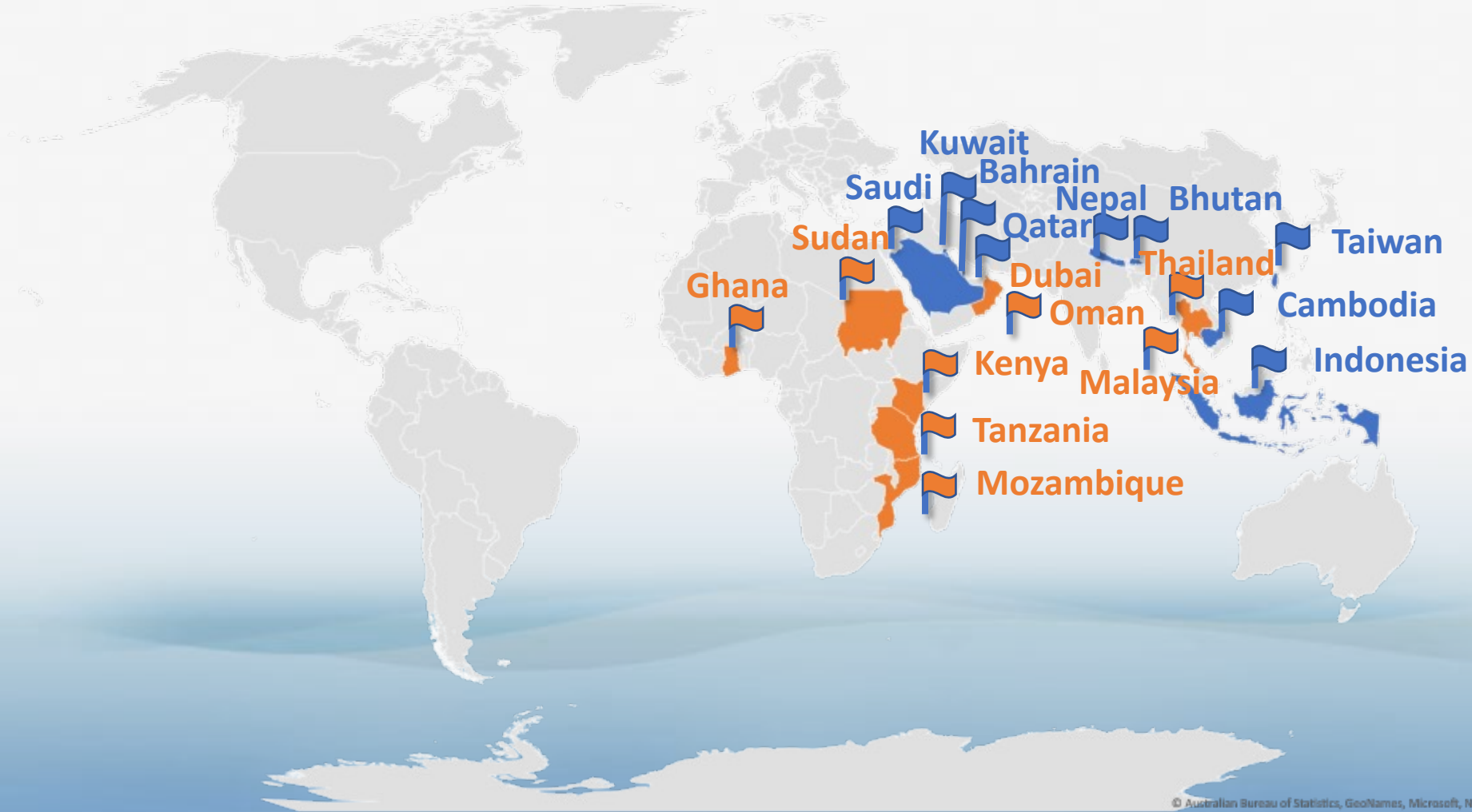


OUR PRESENCE



ELITO FOOTPRINTS

- Launched
- In Progress



PRODUCTS



PRODUCTS



PRODUCTS



POP

ELITØ
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MADE IN INDIA

www.elitobattery.com

Batteries for:
PASSENGER VEHICLE | COMMERCIAL | 2W

EL-50B24L

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ELITO STORE



SPECIFICATION



ELITO BATTERY TYPES AND NOMENCLATURE

PART NO	CONTAINER TYPE	AH@ C20	DIMENSION			RC IN MINS	CCA @ -18°C AMPS	NO OF UNITS /PALLET
			L	B	H			
EL- 40B20 R/L	B20	35	197	129	227	43	300	200
EL- 50B24 R/L/LS/RS	B24	45	238	129	227	56	350	160
EL -70D23 R/L	D23	60	232	173	225	74	500	120
EL- 70D23 BH R/L	D23	60	232	173	225	74	500	120
EL- 95D23 R/L	D23	65	232	173	225	114	560	120
EL- 95D23 BH R/L	D23	65	232	173	225	114	560	120
EL- 60D26 R/L	D26	50	260	173	225	90	430	120
EL -90D26 R/L	D26	65	260	173	225	115	550	120
EL- 90D26 BH R/L	D26	65	260	173	225	115	550	120
EL -100D26 R/L	D26	70	260	173	225	128	620	120
EL -100D26 BH R/L	D26	70	260	173	225	128	620	120
EL -100D31R/L	D31	70	306	173	225	125	620	90
EL -100D31 BH R/L	D31	70	306	173	225	125	620	90
EL- 110D31 R/L	D31	80	306	173	225	160	670	90
EL -110D31 BH R/L	D31	80	306	173	225	160	670	90
EL -120D31 R/L	D31	90	306	173	225	160	720	90
EL -120D31 BH R/L	D31	90	306	173	225	160	720	90

PART NO	CONTAINER TYPE	AH@ C20	DIMENSION			RC IN MINS	CCA @ -18°C AMPS	NO OF UNITS /PALLET
			L	B	H			
COMMERCIAL								
EL -N100	N100	100	410	176	234	195	700	60
EL -N120	N120	120	505	182	237	240	750	60
EL -N150	N150	150	540	222	240	300	1000	50
EL -N200	N200	200	520	277	247	400	1200	30
DIN SERIES								
EL-DIN45	545106033	45	207	175	175	76	330	100
EL-DIN55	555112050	55	242	175	190	103	500	100
EL-DIN55	555155045	55	242	175	175	95	450	100
EL-DIN66	566112055	66	242	175	190	121	550	100
EL-DIN74	574102064	74	278	175	190	131	640	75
EL-DIN100	600109082	100	353	175	190	181	820	75

*Part of loading will be from India(South)*10 Pallets will be loaded in 20" container

Key Features - Tubular Batteries



- Ultra Low Maintenance
- High Pressure Spine Casting machine for Superior Life
- “Satiated Wet Paste” giving Lower Resistance and delivering Consistent Power and Life
- “Serrated Sep” Reduced Stratification & Float Currents Provides Better Performance
- Proven Performance and Quality in All Weather Conditions for over a Decade.

TUBULAR BATTERY SPEC SHEET										
ELITO PART NO	APPLICATION SEGMENT	TECHNOLOGY	Ah @ C20	DIMENSIONS IN MM			NET WEIGHT IN KGS	BATTERY LAYOUT	TERMINAL TYPE	ELECTROLYTE LEVEL INDICATOR IN NOS
				L	W	H				
ELT-SB-0001000ST	INVERTER	FLOODED TUBULAR	100	410	176	281	33.50	R	L TYPE TERMINAL	FLOATS (6)
ELT-SB-0001500TT	INVERTER	FLOODED TUBULAR	150	500	188	397	56.30	R	L TYPE TERMINAL	FLOATS (1)
ELT-SB-0001650TT	INVERTER	FLOODED TUBULAR	165	500	188	397	58.50	R	L TYPE TERMINAL	FLOATS (1)
ELT-SB-0002000TT	INVERTER	FLOODED TUBULAR	200	500	188	397	58.50	R	L TYPE TERMINAL	FLOATS (1)
ELT-SB-0002300TT	INVERTER	FLOODED TUBULAR	230	500	188	397	63.00	R	L TYPE TERMINAL	FLOATS (1)