T-ROX BATTERIES

Powering progress. Energizing industry.

Our sealed, maintenance-free lead-acid batteries: AGM for fast recharge and high-rate power, GEL for heat, deep cycling and long service life. 2V to 12V, 4Ah to 3,000Ah.



1,500+ cycles
at 80% depth of discharge, GEL

3× faster charge
than flooded lead-acid

−20/+50 °C
operating range, GEL

10+ years
service life, GEL

FAST · POWERFUL · RESPONSIVE

AGM Absorbent glass mat

Electrolyte absorbed in fibreglass mats: fast recharge, high-rate discharge and vibration resistance.

Best for UPS, engine starting and dynamic loads.

STEADY · RESILIENT · THERMAL CONTROL

GEL Silica gel electrolyte

Electrolyte held in silica gel: better heat tolerance, deeper discharge and up to 30% longer cycle life than standard AGM.

Best for extreme heat, deep cycling and renewable storage.

Standard range

Factory dimensions (L × W × H / total height, mm) and weights. Max charge current is float / cycle in amperes. Each model shares its case with the Leadcrystal battery in the last column.

T-ROX	RATING	SIZE MM	KG	TERMINAL	MAX CHARGE A	PER 22 T CONTAINER	LEADCRYSTAL TWIN
6V series Float 6.75–6.90V (0.15C) · Cycle 7.20–7.50V (0.3C)							
J4-6E · CB4-6E	6V 4Ah	70 × 47 × 101/107	0.7	F1	0.6 / 1.2	28,571	3-CNFJ-4
J9-6C · CB9-6C	6V 7.2Ah	151 × 34 × 93/99	1.35	F2	1.08 / 2.16	16,296	3-CNFJ-7.2
J12-6G · CB12-6G	6V 10Ah	151 × 51 × 94/100	1.75	F2	1.5 / 3	11,000	3-CNFJ-10
J12-6I · CB12-6I	6V 12Ah	151 × 51 × 94/100	1.9	F2	1.8 / 3.6	10,476	3-CNFJ-12
J200-6HD · CB200-6HD	6V 160Ah	307 × 169 × 222/227	27	M8	24 / 48	815	3-CNFJ-160
J200-6GD · CB200-6GD	6V 180Ah	307 × 169 × 222/227	29	M8	27 / 54	667	3-CNFT-180
12V series Float 13.5–13.8V (0.15C) · Cycle 14.4–15.0V (0.3C)							
J5-12H · CB5-12H	12V 5Ah	90 × 70 × 100/106	1.62	F1	0.75 / 1.5	13,580	6-CNFJ-5
J7-12A · CB7-12A	12V 7.2Ah	151 × 65 × 94/100	2.15	F2	1.08 / 2.16	11,000	6-CNFJ-7.2
J8-12CB · CB8-12CB	12V 9Ah	151 × 65 × 94/100	2.5	F2	1.35 / 2.7	8,148	6-HCNFJ-7.2
J10-12A · CB10-12A	12V 10Ah	151 × 98.5 × 94/100	3.25	F2	1.5 / 3	5,500	6-CNFJ-10
J12-12T · CB12-12T	12V 12Ah	151 × 98.5 × 94/100	3.45	F1/F2	1.8 / 3.6	5,301	6-CNFJ-12
J14-12 · CB14-12	12V 14Ah	151 × 98.5 × 94/100	4	F2	2.1 / 4.2	5,057	6-CNFJ-14
J20-12AB · CB20-12AB	12V 20Ah	181 × 76 × 170	5.5	LT-M5	3 / 6	3,385	6-CNFJ-18
J22-12ACD · CB22-12ACD	12V 22Ah	181 × 76 × 170	6	LT-M5	3.3 / 6.6	3,188	6-CNFJ-22
J25-12 · CB25-12	12V 24Ah	175 × 165 × 127	7.35	M5	3.6 / 7.2	2,857	6-CNFJ-24
J28-12I · CB28-12I	12V 26Ah	175 × 165 × 127	8	M5	3.9 / 7.8	2,821	6-CNFJ-26
J28-12M · CB28-12M	12V 28Ah	175 × 165 × 127	8.5	M6	4.2 / 8.4	2,588	6-CNFJ-28
J36-12A · CB36-12A	12V 35Ah	195 × 131 × 155/167	10.6	M6	5.25 / 10.5	1,930	6-CNFJ-35
J40-12E · CB40-12E	12V 40Ah	197 × 166 × 170	12.5	M6	6 / 12	1,549	6-CNFJ-40
J55-12B · CB55-12B	12V 55Ah	on request	–	M6	–	1,196	6-CNFJ-55

Series

AGM	3-CNFJ-AGM	6V	4–180Ah	Emergency lighting, alarms, medical carts, mobility scooters, small UPS
AGM	6-CNFJ-AGM	12V	5–250Ah	Car starting, mid-sized UPS, security, point of sale, backup power
AGM	6-CNFT-AGM	12V	55–190Ah	Telecom base stations, radio towers, outdoor cabinets
AGM	6-HCNFJ-7.2-AGM	12V	9Ah	High-rate UPS, server rooms, short high-current discharge
AGM	EVFJ-AGM	6/8/12V	60–265Ah	Golf cars, EVs, floor cleaners, aerial platforms, material handling
AGM	CNFJ-AGM	2V	100–3,000Ah	Large UPS, data centres, substations, switchgear, renewables
GEL	3-CNFJ-GEL	6V	4–180Ah	Emergency lighting, alarms, mobility scooters, medical carts, small UPS
GEL	6-CNFJ-GEL	12V	5–250Ah	Off-grid solar, marine starting, RV auxiliary, security, UPS
GEL	6-CNFT-GEL	12V	55–190Ah	Remote base stations, outdoor cabinets, high-temperature sites
GEL	EVFJ-GEL	6/8/12V	60–265Ah	Golf cars, EVs, floor cleaners, marine traction, airport ground support
GEL	CNFJ-GEL	2V	100–3,000Ah	Large UPS, off-grid solar and wind, substations, oil and gas

Lead Crystal Technologies, in partnership with Bin Othaimeen Group in the Middle East and North Africa.