

RALICMAN
BATTERIES

गजबूत इरादा
पक्का वादा

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12V 135Ah
LONG LIFE
LONG RANGE

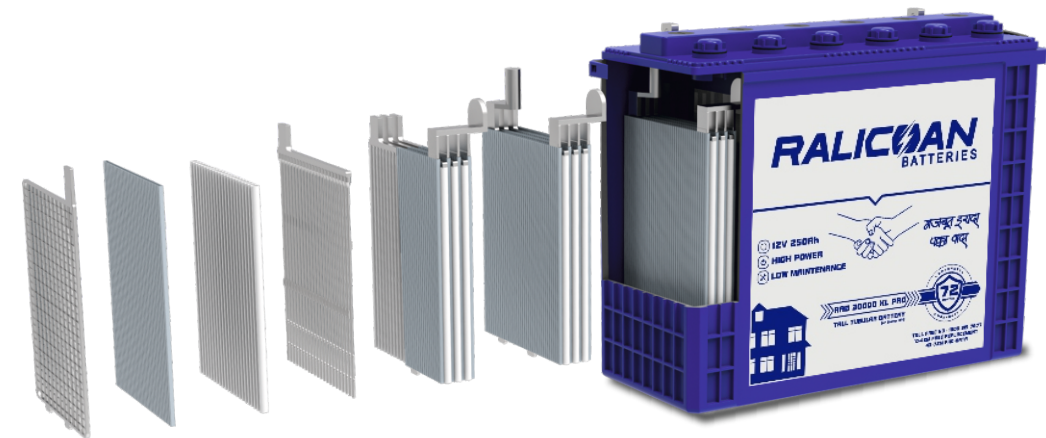
**PRODUCTS &
KEY FEATURES**

www.rabatteries.in

IT-600



IT-500



Performance Features

Technical Features

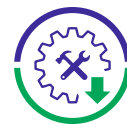
INVERTER BATTERIES



- Long-lasting Backup, Extended Lifespan, & Ecofriendly
 - Longer backups amidst frequent power outages
 - Engineered for an extended lifespan

- Robust Tubular with High Pressure die-casted spine

- Low self discharge



- Steady Performance & Low Maintenance
 - Steady performance during deep cycles
 - Capability to recuperate from deep discharge

- Spill Proof Vent Plug - low controlled acid fumes

- Very high service life



- Unique Grid Surface Design
 - Enhanced adhesive of active grid material
 - Engineered for extended plate life

- Excellent performance on deep cyclic application

- Consistent backup throughout life



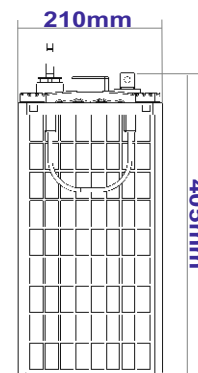
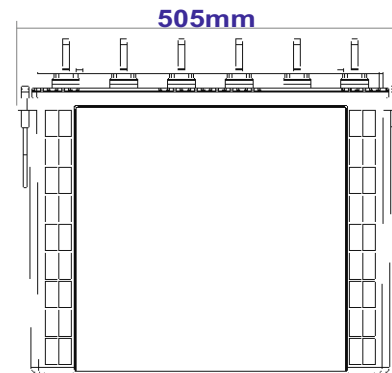
- Thick Casted Grid for Positive & Negative Plates
 - Improved charge acceptance
 - Extended life and superior durability

- Optimized Negative paste receipt for fast charge acceptance

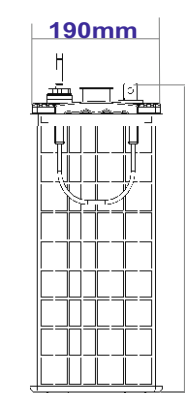
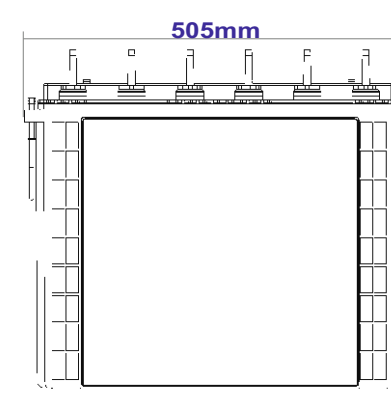
- Low water loss

TECHNICAL PARAMETERS

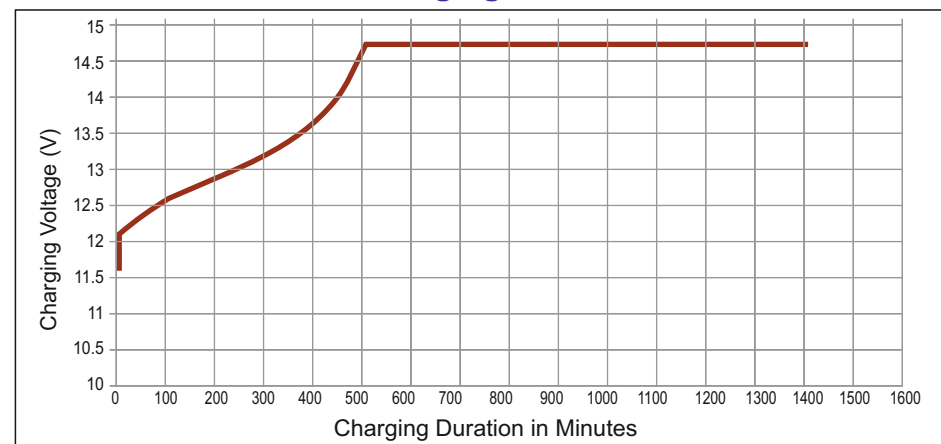
IT-600



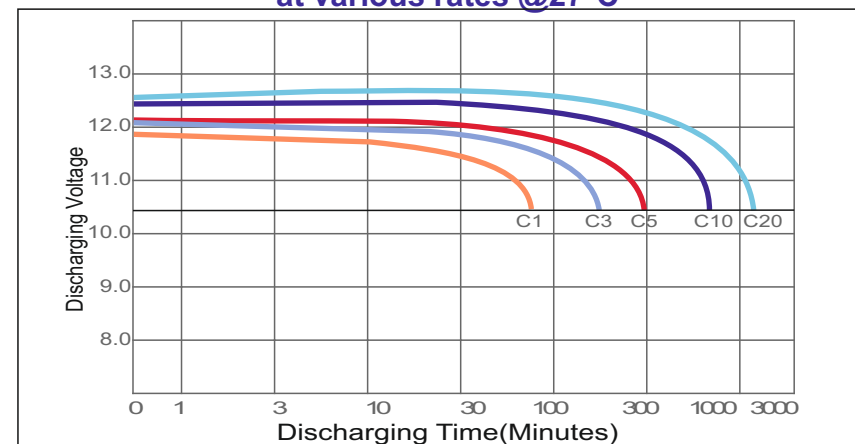
IT-500



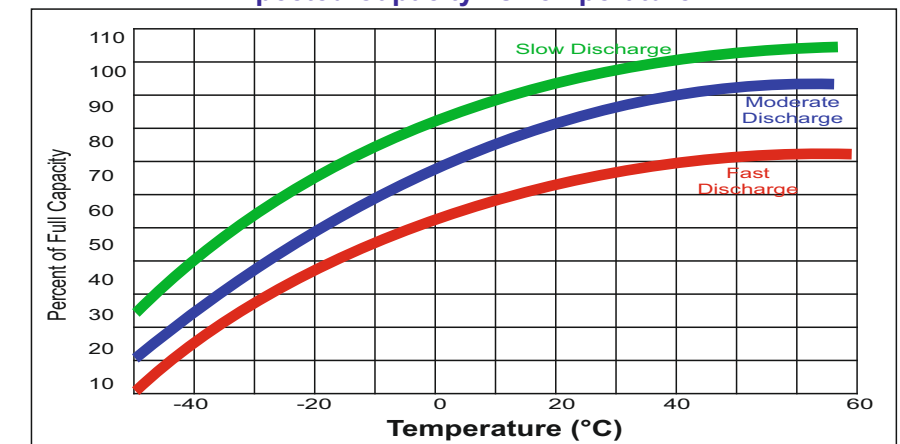
Charging Profile



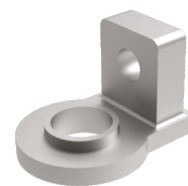
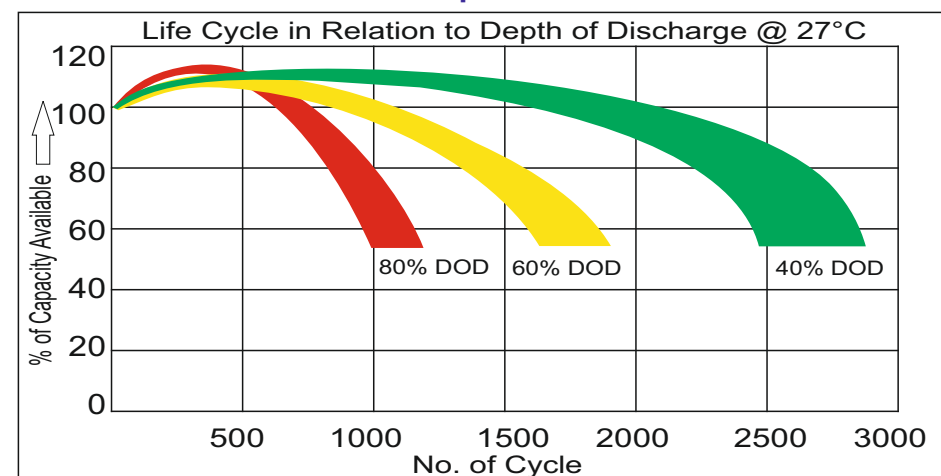
Discharging Characteristics at various rates @27°C



Expected Capacity vs Temperature



Expected Life



Terminal Type-L

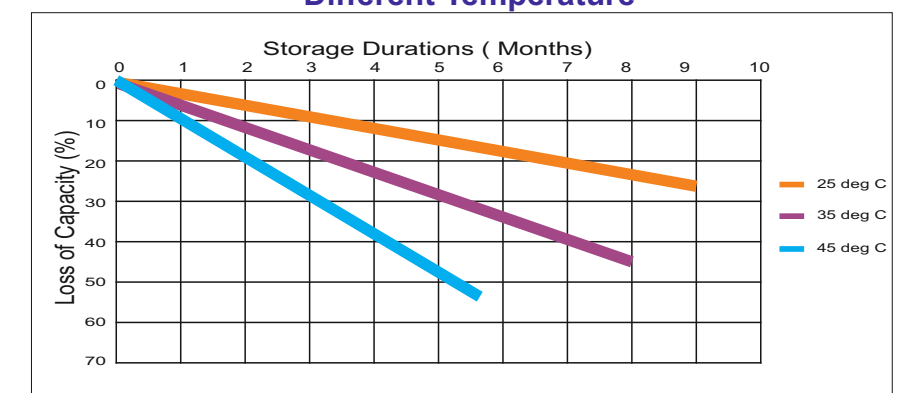


Vent Plug:-
M22 Coin Type



Vent Plug:-
M30 Dummy Plug

Self Discharge Characteristics at Different Temperature



MODELS

Model	Capacity (Ah)	Container Type	Warranty* (Month)	Nominal Voltage	Dimensions in mm			Terminal Type	Ist Backup @32 Amp./Cutout 10.5V at 27°C
					Length (±3mm)	Width (±3mm)	Height (±3mm)		
RAB 36000 XL	280	IT-600	36+24	12	505	210	405	L	5:40 Hrs.
RAB 30000 XL	250	IT-600	36+24	12	505	210	405	L	5:00 Hrs.
RAB 28000 XL	225	IT-600	36+24	12	505	210	405	L	4:30 Hrs.
RAB 24000	180	IT-500	36+24	12	505	190	395	L	4:00 Hrs.
RAB 20000	160	IT-500	30+18	12	505	190	395	L	3:40 Hrs.
RAB 25000 XL	200	IT-600	25+25	12	505	210	405	L	4:00 Hrs.
RAB 18000	150	IT-500	25+25	12	505	190	395	L	3:00 Hrs
12 ER 135	135	N100JB	12	12	410	170	292	L	3:00 Hrs.
9 ER 135	135	N100JB	09	12	410	170	292	L	3:00 Hrs.

Specific gravity & Self Discharge w.r.t Temperature

Charging Temperature Compensation	Add	Subtract
	0.005 volt per cell for every 1°C below 25°C 0.0028 volt per cell for every 1°F below 77°F	0.005 volt per cell for every 1°C below 25°C 0.0028 volt per cell for every 1°F below 77°F
Operational Data	Operating Temperature	Self Discharge
	-4°F to 131°F (-20°C to +55°C) At temperature below 32°F (0°C) maintain a state of charge greater than 60%	As per discharge Graph

Charging Instructions

Charger Voltage Settings (at 77°F/25°C)			
System Voltage	12V	24V	48V
Maximum Charge Current	0.2C10		
Maximum Absorption Phase Time(hours)	4		
Absorption Voltage	14.4	28.8	57.6
Float Voltage	13.6	27.2	54.4
Equalization Voltage	16	32	64



Ralicoan Battery is the flagship brand of Apex Engineering Industries. Our batteries are redefining industry standards by delivering unsurpassed performance and reliability. We design, manufacture, market and sell a wide range of lead acid storage batteries for Inverter and E-rickshaw applications, we strive to consistently develop cutting-edge battery technologies that offer extended life spans, rapid charging capabilities and consistent power output.

Our pursuit of customer satisfaction is unrivalled in the category, cementing our status as reliable energy partner across diverse applications. Value for money is at the core of our offerings, so we provide the finest batteries designed to deliver long-lasting power while requiring ultra-low maintenance. Thus, minimizing additional expenses and ensuring a hassle-free experience.

RALICOAN Batteries - Inspiring Trust.

**RALICOAN GIVES YOU THE
CONFIDENCE OF A POWERFUL,
RELIABLE, LONG-LASTING,
AND COST-EFFECTIVE BATTERY
SOLUTIONS THAT WILL
CONSISTENTLY EXCEED
EXPECTATIONS.**



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