



Industrial Battery Series



Stationary Battery



Stationary Battery is deep cycle battery that produces electrical energy constantly in a long period of time.

Functions :

- ❖ Give an **electrical energy** to the system, when there is no main resource.
- ❖ It is used for a **voltage stabilizer**, that is caused by fluctuation on the power plants fluctuation.
- ❖ As an **energy reserve** when there is a replacement in one power plant to the others.



		T Series	ZD Series	SA Series
Application and Usage	Household	V	v	v
	Solar lighting		v	v
	Telecom BTS			v
	IT network and data centre		v	v
Technology and Design	Type	Dry Charged	Maintenance Free	AGM VRLA
	Maintenance	Low Maintenance	Maintenance Free	Maintenance Free
	Voltage	12V	12 V	12V
	Capacity Range	100 Ah -200 Ah	75Ah	65Ah-105Ah
	Design	Accesible Vent Plug	Fully Sealed	Fully Sealed
	Standard	JIS	JIS	IEC
	Separator Technology	Pulp Glassmat	PE Glassmat	AGM
	Plates design	Lead Antimony Technology	Lead Calcium Technology	Lead Calcium Technology

Stationary Battery

T Series

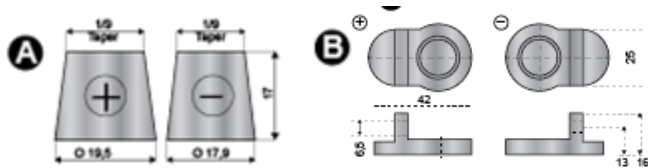
Battery Type	Volt	Capacity		Dimension (mm)				Acid Vol Approx (liters)	Lay Out	Terminal Type	Optional Terminal
		5Hr (Ah)	20Hr (Ah)	L	W	H	TH				
N70T	12	70	56	306	173	204	225	5.7	1	A	B
N100T	12	100	80	410	176	213	234	8.1	1	A	B
N150T	12	150	120	508	222	213	257	12.6	3	A	B
N200T	12	200	160	521	278	220	270	16.8	3	A	B

ZD Series

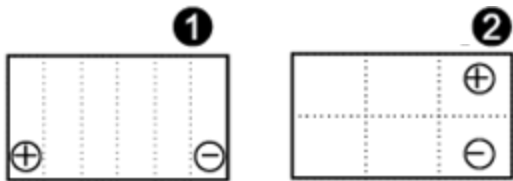


Battery Type	Volt	Capacity		Dimension (mm)				Dry WT Approx (kgs)	Acid Vol Approx (liters)	Lay Out	Terminal Type
		5Hr (Ah)	20Hr (Ah)	L	W	H	TH				
MF N70ZD	12	60	75	303	171	198	219	13.4	5.7	1	A

Terminal Type



Terminal Layout



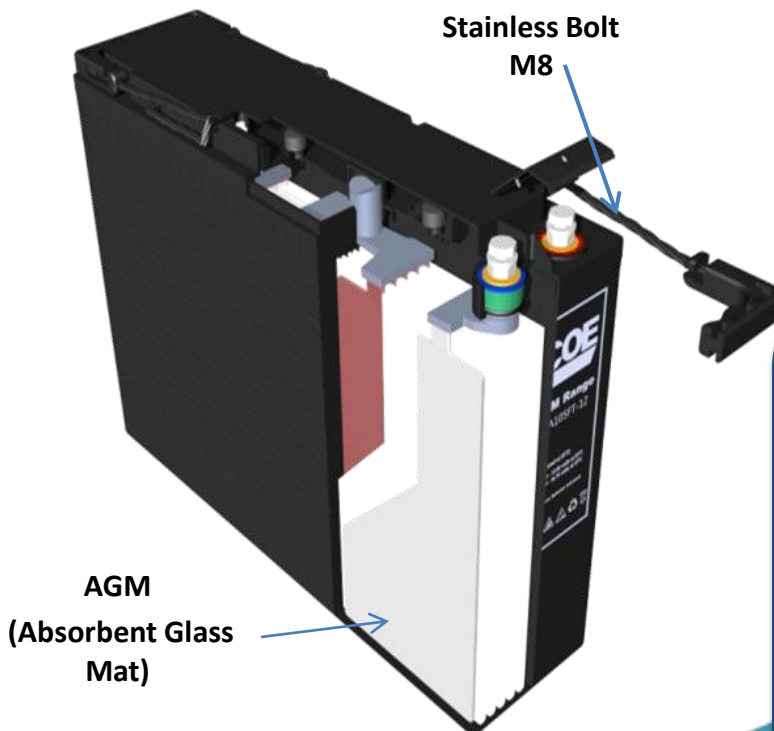
Stationary Battery

SA Series

INCOE Telecom Range SA series of VRLA batteries are recognized as the most **reliable** and **high quality** battery on **Power Back Up system**.

Design with advanced **AGM (Absorbent Glass Matt)** technology, the batteries comply to the most popular international standards, such as **IEC 60896-21 (2004)**

Designed for **general purpose** application, such as **Telecom, UPS, Electrical utilities**. The battery container and cover are both in VO class flame retardant ABS.



General Features:

- ✓ Positive and Negative are lead **Calcium** Technology
- ✓ **Maintenance Free** Operation
- ✓ **Long Life** Service
- ✓ Stable Quality and **High** Reliability
- ✓ **Fire Resistance** Container Set Material
- ✓ **Low** Self Discharge
- ✓ **Low pressure** venting System

Stationary Battery

SA Series

Battery Type	Volt	Capacity (10Hr)	Dimension (mm)		
			L	W	H
SA105FT-12	12	105	395	110	286
SA100-12	12	100	329	172	219
SA65-12	12	65	350	167	174

Component	Positive Plate	Negative Plate	Container	Cover	Separator	Electrolyte
Material	Lead-Calcium	Lead-Calcium	ABS + FR	ABS + FR	AGM	Sulfuric Acid



Motive Batteries

Golf Cart Batteries

- ✓ Pure lead antimony batteries with **excellent performance**.
- ✓ **Strong power** directly after filled by acid water



Battery Type	Volt	Capacity		Reserve Capacity			Dimension (mm)				Acid Aprox (liters)	Layout
		20Hr	5Hr	@25A (mins)	@56A (mins)	@75A (mins)	L	W	H	TH		
6D115	6	225	171	450		115	264	181	244	283	6.1	5
6D135	6	235	192	490		134	264	181	244	283	5.6	5
8D90	8	165	150	340	135	90	264	181	244	283	6.1	6



Easy to connect the cable with the terminal



Filled with factory standard acid and ready to be used



Vent Plug is made to ease maintenance care and acid filing.

Battery's terminal and layout

