

# Front Terminal VRLA Battery



## General Features

- Maintenance-Free Operation.
- Low Self Discharge.
- UL-Recognized Component.
- Can Be Mounted In Any Orientation.
- Not Restricted For Air Transport-Complies With IATA/ICAO Special Provision A67.
- Computer Designed Lead, Calcium Tin Alloy Grid For High Power Density.
- Long Service Life, Float Or Cyclic Applications.
- Case And Cover Available In Both Standard And Flame Retardant ABS.
- Absorbent Glass Mat Technology For Efficient Gas Recombination Of Up To 99% And Freedom From Electrolyte Maintenance Or Water Adding.

## Dimensions And Weight

Length(mm/Inch)	277/10.9
Width(mm/Inch)	106/4.17
Height(mm/Inch)	229/9.01
Total Height(mm/Inch)	243/9.57
Approx Weight(Kg/lbs)	17.3/38.1
Weight Deviation:	±3%

The Rechargeable Batteries Are Lead-Lead Dioxide Systems. The Dilute Sulfuric Acid Electrolyte Is Absorbed By Separators And Plates And Thus Immobilized. Should The Battery Be Accidentally Overcharged Producing Hydrogen And Oxygen, Special One-Way Valves Allow The Gases To Escape Thus Avoiding Excessive Pressure Build-Up. Otherwise, The Battery Is Completely Sealed And Is, Therefore, Maintenance-Free, Leak Proof And Usable In Any Position.

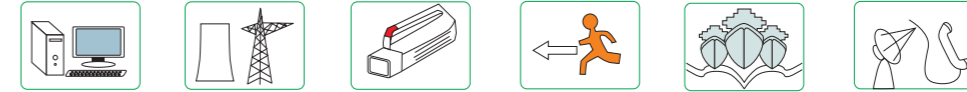
## Battery Construction

Component	Positive Plate	Negative Plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead Dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric Acid

## Product Standards

You Can Expect Our Batteries To Meet The Standards JIS, DIN, IEC&BS6290-4. We Have Obtained ISO900 & ISO14001 Certification. We Have Obtained UL Approval (MH 25860) For All Types Of Batteries. We Have Obtained CE Approval For All Types Of Batteries. All These Render Our Batteries To Be Compliant With Requirements Of World-Level Products.

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## Technical Parameters

BATTERY TYPE	NOMINAL VOLTAGE(V)	10H RATE CAPACITY(AH)	SIZE(± 1 mm)				TERMINAL TYPE	WEIGHT(KG)
			long	Width	High	Total height		
SK12-45X	12	45	277	106	229	243	M6	15.4
SK12-50X	12	52	277	106	229	243	M6	17.3
SK12-80X	12	80	564	115	189	189	M6	28.2
SK12-90X	12	90	395	110	286	293	M8	30.5
SK12-100-X	12	100	508	110	231	231	M8	32.5
SK12-105X	12	105	295	110	286	293	M8	35.0
SK12-125X	12	125	436	108	317	317	M8	40.0
SK12-140X	12	140	552	110	288	298	M8	49.0
SK12-150X	12	150	548	105	316	316	M8	48.8
SK12-155X	12	155	551	110	316	316	M8	51.5
SK12-160X	12	160	546	110	316	316	M8	56.5
SK12-180X	12	180	546	125	317	323	M8	58.5
SK12-200X	12	200	522	238	218	223	M8	68.8
SKA12-50X	12	50	279	105	280	280	M8	20.0
SKA12-75X	12	75	563	115	188	188	M8	28.5
SKA12-80X	12	80	508	110	231	231	M8	31.0
SKA12-85X	12	85	393	125	256	256	M8	33.0
SKA12-100X	12	100	558	125	228	228	M8	42.0
SKA12-125X	12	125	548	105	316	316	M8	51.0
SKA12-155X	12	155	546	125	315	325	M8	61.6

## Oxygen Recombination Principle

