

AGM VRLA EP - SOLAR BATTERY

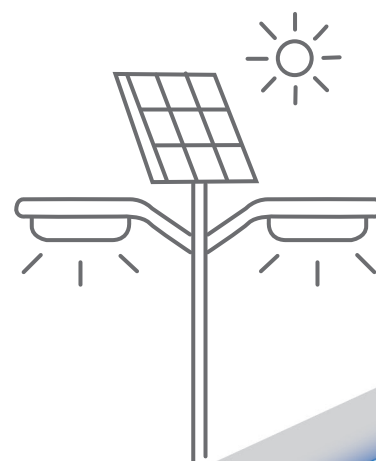
PRODUCT **FEATURES**

- Sealed Maintenance Free
- Free From Orientation Constraints
- Eco-Friendly
- Minimal Voltage Drop
- Easy Handling
- Easy Installation
- Ready-To-Use
- Good Service Life
- Low Self Discharge
- Charge Retention & Recovery
- Superior High Rate Discharge
- High Reliability

PRODUCT **BENEFITS**

- Saving of manpower for regular topping up and cleaning corroded terminals as in conventional batteries
- No damage of Flooring by spillage of battery acid or water during maintenance
- Saving of Hundred square feet of costly floor space in metropolitan areas
- Battery can be installed inside offices and working areas – no need for separate battery rooms, costly acid proof flooring etc. Battery can be installed in a cabinet also
- Can be stored for 3 to 6 Months, depending upon ambient temperature before recharge and without any loss of efficiency or performance
- Lower consumption of electricity during use
- Very long shelf life
- Leads to greatly improved ability to recover from deep discharge
- Can deliver the rated performance throughout its service life

Discover the AGM VRLA EP Series-Solar batteries, now available in a powerful range of capacities: 7Ah, 9Ah, 12Ah, 18Ah, 26Ah, 42Ah, 65Ah upto 200Ah



GENERAL APPLICATION

TYPE OF BATTERY	NOMINAL VOLTAGE(V)	RATED CAPACITY (Ah) AT 27°C						DIMENSION				WEIGHT ±5% (KG)	ENERGY DENSITY (WH/L)	SPECIFIC ENERGY (WH/KG) CHARGED CONDITION	RESISTANCE (MILLOHM) MAX AT FULLY CHARGED (5 SECS)	MAXIMUM DISCHARGE CURRENT (AMPS.)	CONTAINER/ LID MATERIAL	LAYOUT	TERMINAL
		20HRS 1.75V/ CELL	10HRS 1.75V/ CELL	3HRS 1.75V/ CELL	1.5HRS 1.75V/ CELL	1HRS 1.75V/ CELL	30MINS 1.75V/ CELL	OVERALL HEIGHT (±2)	HEIGHT UPTO LID TOP (±2)	LENGTH (±1)	WIDTH (±1)								
EP 7.5-12	12	7.5	6.9	5.5	5.3	4.5	3.7	100.0	94.0	151.0	65.0	2.40	92.00	37.50	22.00	105.00	ABS	b	F2
EP 9-12	12	9	8.1	6.8	6.4	5.4	4.5	100.0	94.0	151.0	65.0	2.60	110.00	42.00	18.00	135.00	ABS	b	F2
EP 12-12	12	12	11.2	9.0	8.6	7.2	6.0	100.0	94.0	151.0	98.0	3.8	98.0	38.0	16.0	180.0	ABS	c	F2
EP 17-12	12	17	16.0	12.9	12.2	10.2	8.5	167.0	167.0	181.0	76.0	5.0	88.0	41.0	15.0	255.0	ABS	d2	F3
EP 26-12(TP)	12	26	24.0	19.5	18.7	15.6	13.0	175.0	175.0	166.0	125.0	8.8	86.0	35.0	10.0	390.0	TP10	d	F4
EP 26-12(ABS)	12	26	24.0	19.5	18.7	15.6	13.0	179.0	179.0	178.0	124.0	9.2	79.0	34.0	10.0	390.0	ABS	e	F5
EP 32-12	12	32	29.1	24.0	23.0	19.2	16.0	179.0	179.0	178.0	124.0	9.9	97.0	39.0	10.0	480.0	ABS	e	F5
EP 42-12	12	42	38.5	31.5	30.2	25.2	21.0	181.0	181.0	201.0	164.0	13.9	85.0	36.3	8.0	420.0	TP10	f	F6
EP 65-12	12	65	60.0	48.6	46.8	39.0	32.5	181.0	181.0	350.0	166.0	20.2	75.0	38.6	6.0	500.0	TP10	h	F7
EP 75-12	12	75	69.0	56.2	54.0	45.0	37.5	183.0	183.0	391.0	166.0	23.0	80.0	39.0	6.0	500.0	TP10	h	F7
EP 84-12	12	84	91.0	75.0	72.0	60.0	50.0	235.0	235.0	407.0	173.0	32.5	72.0	36.0	6.0	600.0	TP10	h	F8
EP 100-12	12	100	91.0	75.0	72.0	60.0	50.0	235.0	235.0	407.0	173.0	32.5	73.0	37.0	6.0	600.0	TP10	h	F8
EP 120-12	12	120	109.0	90.0	86.4	72.0	60.0	239.0	239.0	452.0	172.0	38.0	77.0	38.0	6.0	600.0	TP10	i	F9
EP 150-12	12	150	136.5	112.5	108.0	90.0	75.0	250.0	250.0	536.0	186.0	48.30	78.00	38.00	5.00	900.00	TP10	i	F9
EP 200-12	12	200	182.0	150.0	144.0	120.0	100.0	250.0	250.0	536.0	250.0	67.20	75.00	36.00	5.00	1200.00	TP10	j	F9

EP RANGE-SOLAR BATTERIES

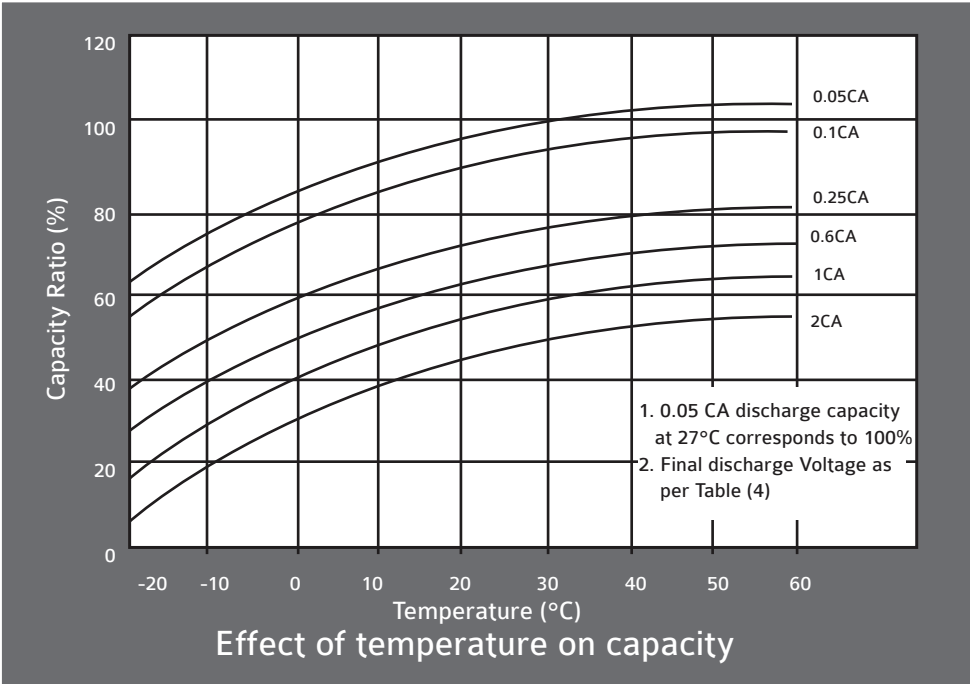
Advantage: International size - Matches dimension of any International equipment. High Rate performance - matches Or betters High Rate performance of equivalent international types.

DISCHARGE CURRENT AND RECOMMENDED **FINAL DISCHARGE VOLTAGE**

DISCHARGE CURRENT (A)	FINAL DISCHARGE VOLTAGE (V/CELL)
0.2 C > (A) or intermittent discharge	1.75
0.2 C < or = (A) <0.5 C	1.70
0.5 C < or = (A) < 1.0 C	1.55
1.0 C < or = (A)	1.30

EFFECT OF **TEMPERATURE ON CAPACITY**

This figure represents the relation between the temperature and discharge capacity



Note: Specifications and models subject to change without prior notice