

DESCRIPTION: 85AH 12V SLA Battery

PRODUCT CODE: FXBATLA85AH12V

TECHNOLOGY:

- Sealed Lead Acid (SLA)
- Made with AGM Technology
- Valve Regulated Lead Acid (VRLA) and Sealed Maintenance Free (SMF)
- Complies with IEC60896-21/22, IEC61056-1/2

MAIN FEATURES:

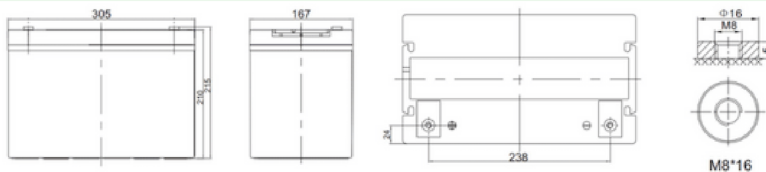
- Innovative battery plate design delivering a Deep Discharge
- Greater re-charge performance
- Low self-discharge, internal resistance and internal pressure
- Chemical plate advancements delivering a longer battery life

MAIN APPLICATION:

- Commercial UPS and critical power backup
- Telecom & Towers power assurance
- Medical power assurance
- Fire, emergency & security alarm systems
- Industrial battery & power reserve
- Solar power products
- Deep cycle discharge
- All general purpose



SPECIFICATIONS:



Model	FXBATLA85AH12V		IR Max	Dimensions (mm+/-2)				Weight	Terminal	
Voltage (V)	Nominal Capacity (25°C)		mΩ (25°C)	Length	Width	Height	Total Height	Kgs +-5%	L4	T4
12	90Ah	10Hr (10.8v)	5.8	305	167	210	215	26.5		 M6*16

Capacity Range (25°C)	20Hr (10.5v)	5Hr (10.5v)	3Hr (9.6v)	1HR (9.6v)	Designed Life (25°C)	Separator	Electrolyte	Case	Sealing
	94.5Ah	77.85Ah	69.3Ah	54.9Ah	10 Years (Float Charging)	AGM	Sulfuric Acid	ABS Plastic	Epoxy Glue

Max. Current (A)		Charge Voltage		Self-discharge	Capacity Effected by Temp. @20Hr			
Charge	Discharge	Float Use	13.5-13.8V (-18mV/°C)	Per month @25°C	40°C	25°C	0°C	-15°C
22.5A	900A (5s)	Cycle Use	14.4-14.7V (-30mV/°C)	3%	102%	100%	85%	65%

Constant Current (A) Discharge / CCD @25°C

End V./VPC	5min	10min	15min	30min	60min	2hr	3hr	5hr	10hr	20hr
9.60 / 1.60	308.30	209.71	143.59	87.32	53.50	33.39	25.96	17.31	9.54	4.99
9.90 / 1.65	295.10	200.77	137.47	83.60	51.22	31.97	24.85	16.57	9.41	4.92
10.2 / 1.70	288.10	195.99	134.20	81.61	50.00	31.21	24.26	16.17	9.27	4.85
10.5 / 1.75	281.20	191.21	130.92	79.62	48.78	30.45	23.67	15.78	9.14	4.78
10.8 / 1.80	278.70	189.61	129.82	78.95	48.37	30.19	23.47	15.65	9.00	4.71

Constant Power (Watt) Discharge / CPD @25°C

End V./VPC	5min	10min	15min	30min	60min	2hr	3hr	5hr	10hr	20hr
9.60 / 1.60	601.10	408.90	280.00	170.30	104.30	65.11	50.62	33.75	18.60	9.74
9.90 / 1.65	575.50	391.50	268.10	163.00	99.88	62.34	48.46	32.31	18.34	9.60
10.2 / 1.70	561.80	382.20	261.70	159.10	97.51	60.85	47.31	31.54	18.08	9.46
10.5 / 1.75	548.10	372.90	255.30	155.30	95.13	59.37	46.16	30.77	17.81	9.33
10.8 / 1.80	543.50	369.70	253.20	154.00	94.33	58.87	45.77	30.51	17.55	9.19

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