

DESCRIPTION: 55AH 12V SLA Battery

PRODUCT CODE: FXBATLA55AH12V

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:

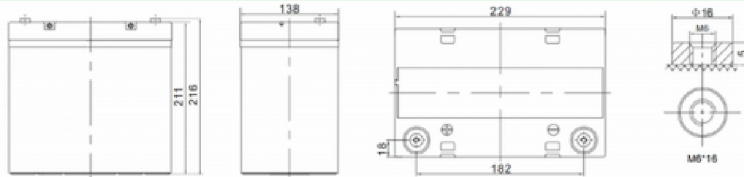
- Innovative battery plate design delivering a Deep Discharge
- Greater re-charge performance
- Low self-discharge, internal resistance and internal pressure
- Chemical plate advancements delivering a longer battery life

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	FXBATLA55AH12V		IR Max	Dimensions (mm+/-2)				Weight	Terminal	
Voltage (V)	Nominal Capacity (25°C)		mΩ °C	Length	Width	Height	Total Height	Kgs +-5%	L4	T614
12	55Ah	20Hr (10.8v)	6	230	138	210	215	16.5	-	M6*14

Capacity Range (25°C)	10Hr (10.5v)	5Hr (10.5v)	3Hr (9.6v)	1HR (9.6v)	Designed Life (25°C)	Separator	Electrolyte	Case	Sealing
		57.75Ah	47.35Ah	42.35Ah	33.55Ah	12 Years (Float Charging)	AGM	Sulfuric Acid	ABS Plastic

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
13.75A	550A (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	188.30	128.16	87.75	53.36	32.70	20.41	15.86	10.58	5.83	3.05
9.90 / 1.65	180.30	122.70	84.01	51.09	31.30	19.54	15.19	10.13	5.75	3.01
10.2 / 1.70	176.00	119.77	82.01	49.87	30.56	19.07	14.83	9.68	5.67	2.97
10.5 / 1.75	171.70	116.85	80.01	48.66	29.81	18.61	14.46	9.64	5.58	2.92
10.8 / 1.80	170.30	115.87	79.34	48.25	29.56	18.45	14.34	9.56	5.50	2.88

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

End V./VPC	5min	10min	15min	30min	60min	2hr	3hr	5hr	10hr	20hr
9.60 / 1.60	367.40	249.90	171.11	104.06	63.76	39.79	30.94	20.62	11.37	5.95
9.90 / 1.65	351.70	239.30	163.82	99.62	61.04	38.09	29.62	19.74	11.21	5.87
10.2 / 1.70	343.30	233.60	159.92	97.75	59.59	37.19	28.91	19.27	11.05	5.78
10.5 / 1.75	334.90	227.90	156.02	94.88	58.13	36.28	28.21	18.80	10.89	5.70
10.8 / 1.80	332.10	225.90	154.70	94.08	57.65	35.98	29.97	18.65	10.73	5.62

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