

DESCRIPTION: 100AH 12V Deep Cycle Battery

PRODUCT CODE: FXBATDC100AH12V

TECHNOLOGY:

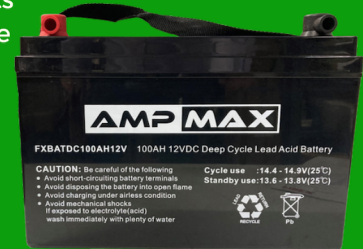
- Sealed Lead Acid (SLA)
- Made with AGM & GEL Technology
- Valve Regulated Lead Acid (VRLA) and Sealed Maintenance Free (SMF)
- Complies with IEC60896-21/22, IEC61056-1/2

MAIN FEATURES:

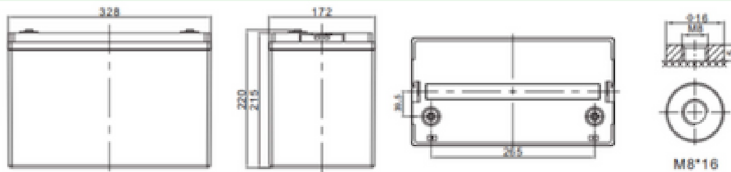
- Innovative battery plate design delivering a Deep Discharge
- Greater re-charge performance
- Low self-discharge, internal resistance and internal pressure
- Chemical plate advancements delivering a longer battery life

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	FXBATDC100AH12V		IR	Dimensions (mm+/-2)				Weight	Terminal	
Voltage (V)	Nominal Capacity (25°C)		mΩ (25°C)	Length	Width	Height	Total Height	Kgs +-5%	L5	T5
12	100Ah	10Hr (10.8v)	5	328	172	215	220	29.5		 M8*20

Capacity Range (25°C)	20Hr (10.5v)	5Hr (10.5v)	3Hr (9.6v)	1HR (9.6v)	Designed Life (25°C)	OP Temp	Electrolyte	Case	Sealing
		107Ah	78Ah	67Ah	58Ah	12 Years (Float Charging)	-20°C-60°C	Gel	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	
20A	800A (5s)	Cycle Use	14.1-14.4V (-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	-	-	163.80	99.63	61.05	38.10	29.62	19.75	10.60	5.70
9.90 / 1.65	-	-	156.80	95.38	58.44	36.47	28.36	18.90	10.45	5.62
10.2 / 1.70	-	-	153.10	93.11	57.05	35.61	27.68	18.45	10.30	5.54
10.5 / 1.75	-	-	149.40	90.84	55.66	34.74	27.01	18.00	10.15	5.46
10.8 / 1.80	-	-	148.10	90.08	55.19	34.45	26.78	17.85	10.00	5.38

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

End V./VPC	5min	10min	15min	30min	60min	2hr	3hr	5hr	10hr	20hr
9.60 / 1.60	-	-	319.50	194.30	119.00	74.29	57.76	38.51	20.67	11.11
9.90 / 1.65	-	-	305.90	186.00	114.00	71.12	55.30	36.86	20.38	10.96
10.2 / 1.70	-	-	298.60	181.60	111.30	69.43	53.98	35.99	20.09	10.80
10.5 / 1.75	-	-	291.30	177.10	108.50	67.74	52.66	35.11	19.79	10.64
10.8 / 1.80	-	-	288.80	175.70	107.60	67.17	52.22	34.81	19.50	10.48

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