

DESCRIPTION: 40 AH 12V Deep Cycle Battery

PRODUCT CODE: FXBATDC40AH12V

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:

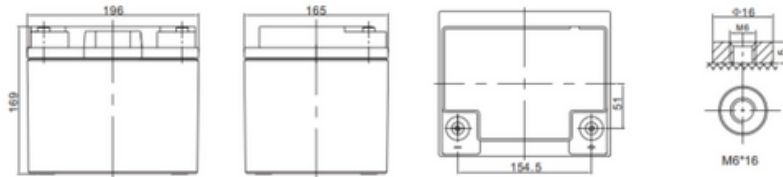
- Innovative battery plate design delivering a Deep Discharge
- Greater re-charge performance
- Low self-discharge, internal resistance and internal pressure
- Chemical plate advancements delivering a longer battery life

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	FXBATDC40AH12V		IR	Dimensions (mm+/-2)				Weight	Terminal	
Voltage (V)	Nominal Capacity (25°C)		mΩ (25°C)	Length	Width	Height	Total Height	Kgs +-5%	L4	T4
12	40Ah	10Hr (10.8v)	8.5	196	165	168	168	13.2		 M6*16

Capacity Range (25°C)	20Hr (10.8v)	5Hr (10.2v)	3Hr (9.6v)	1HR (9.6v)	Designed Life (25°C)	OP Temp	Electrolyte	Case	Sealing
		42.8Ah	31.2Ah	26.8Ah	23.2Ah	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	
8A	400A (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	144.60	98.38	67.36	40.96	25.10	15.66	12.18	8.12	4.45	2.34
9.90 / 1.65	138.40	94.19	64.49	39.22	24.03	15.00	11.66	7.77	4.39	2.31
10.2 / 1.70	135.10	91.95	62.95	38.28	23.46	14.64	11.38	7.59	4.33	2.28
10.5 / 1.75	131.80	89.70	61.42	37.35	22.89	14.28	11.10	7.40	4.26	2.24
10.8 / 1.80	130.70	88.95	60.90	37.04	22.69	14.16	11.01	7.34	4.20	2.21

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

End V./VPC	5min	10min	15min	30min	60min	2hr	3hr	5hr	10hr	20hr
9.60 / 1.60	282.00	191.80	131.40	79.88	48.94	30.55	23.75	15.83	8.68	4.57
9.90 / 1.65	270.00	183.70	125.80	76.48	46.86	29.24	22.74	15.16	8.56	4.50
10.2 / 1.70	263.60	179.30	122.80	74.65	45.76	28.55	22.19	14.80	8.44	4.44
10.5 / 1.75	257.10	174.90	119.80	72.83	44.63	27.85	21.65	14.44	8.31	4.38
10.8 / 1.80	255.00	173.50	118.80	72.22	44.25	27.62	21.47	14.31	8.19	4.31

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