

DESCRIPTION: 75AH 12V SLA Battery

PRODUCT CODE: FXBATLA75AH12V

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:

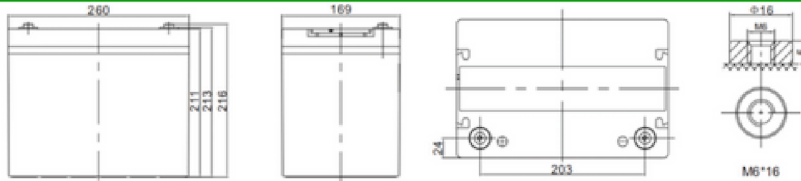
- Innovative battery plate design delivering a Deep Discharge
- Greater re-charge performance
- Low self-discharge, internal resistance and internal pressure
- Chemical plate advancements delivering a longer battery life

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 | FXBATLA75AH12V | | 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 | 80Ah | 10Hr (10.8v) | 6 | 260 | 169 | 213 | 216 | 22.5 | - | M6*16 |

| Capacity Range (25°C) | 10Hr (10.5v) | 5Hr (10.5v) | 3Hr (9.6v) | 1HR (9.6v) | Designed Life (25°C) | Separator | Electrolyte | Case | Sealing |
|-----------------------|--------------|-------------|------------|------------|----------------------|---------------------------|-------------|---------------|-------------|
| | | 84Ah | 69.2Ah | 61.6Ah | 48.8Ah | 10 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 |
| 20A | 800A (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 | - | 168.00 | 132.00 | 80.00 | 49.60 | 29.20 | 20.40 | 14.30 | 8.14 | 4.28 |
| 9.90 / 1.65 | - | 163.00 | 129.00 | 78.40 | 48.90 | 29.10 | 20.30 | 14.20 | 8.13 | 4.27 |
| 10.2 / 1.70 | - | 156.00 | 124.00 | 76.00 | 47.60 | 28.80 | 20.10 | 14.10 | 8.10 | 4.25 |
| 10.5 / 1.75 | - | 150.00 | 120.00 | 74.20 | 46.70 | 28.40 | 20.00 | 14.00 | 8.06 | 4.23 |
| 10.8 / 1.80 | - | 141.00 | 114.00 | 71.40 | 45.20 | 27.60 | 19.40 | 13.60 | 8.00 | 4.20 |

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

| End V./VPC | 5min | 10min | 15min | 30min | 60min | 2hr | 3hr | 5hr | 10hr | 20hr |
|-------------|------|----------|----------|--------|--------|--------|--------|--------|-------|-------|
| 9.60 / 1.60 | - | 1,814.00 | 1,449.00 | 898.00 | 565.00 | 339.00 | 240.00 | 169.00 | 97.20 | 51.30 |
| 9.90 / 1.65 | - | 1,760.00 | 1,415.00 | 880.00 | 557.00 | 337.00 | 238.00 | 168.00 | 97.00 | 51.20 |
| 10.2 / 1.70 | - | 1,687.00 | 1,362.00 | 853.00 | 543.00 | 334.00 | 237.00 | 167.00 | 96.80 | 51.10 |
| 10.5 / 1.75 | - | 1,615.00 | 1,316.00 | 832.00 | 532.00 | 329.00 | 235.00 | 165.00 | 96.20 | 50.80 |
| 10.8 / 1.80 | - | 1,524.00 | 1,246.00 | 802.00 | 516.00 | 320.00 | 228.00 | 161.00 | 95.50 | 50.40 |

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