

## SPECIFICATION SHEET



### 1. Product Identification

| Field             | Details                                       |
|-------------------|-----------------------------------------------|
| Product Name      | <b>Titan AV 6002A Waterproof Hard Case</b>    |
| SKU               | <b>FXC-6002A</b>                              |
| GTIN              | 9359899004257                                 |
| Warranty          | 2 Years                                       |
| Country of Origin | Manufactured in China, QC tested in Australia |

### 2. Dimensions & Weight

| Specification                   | Measurement        |
|---------------------------------|--------------------|
| External Dimensions (L × W × H) | 550 × 420 × 205 mm |
| Internal Dimensions (L × W × H) | 490 × 360 × 200 mm |
| Lid / Base Depth                | 50 mm / 150 mm     |

|                       |        |
|-----------------------|--------|
| Internal Volume       | 35.3 L |
| Weight (Empty)        | 3 kg   |
| Padlock Hole Diameter | 7 mm   |

### 3. Construction & Materials

| Component      | Specification                                                      |
|----------------|--------------------------------------------------------------------|
| Shell Material | High-impact Polypropylene (FX-2PP)                                 |
| Foam Insert    | 1 × 90 mm diced foam + 1 × 40 mm diced foam + 1 × 10 mm solid base |
| Seal           | EPDM O-ring watertight closure                                     |
| Latches        | Dual TUFF compression latches                                      |
| Pressure Valve | Automatic pressure equalisation valve                              |
| Handle         | Rubberised ergonomic carry handle                                  |
| Hinges         | Heavy-duty pinned hinges                                           |
| Stackable      | No                                                                 |

### 4. Environmental Performance

| Parameter            | Details                                                                          |
|----------------------|----------------------------------------------------------------------------------|
| Ingress Protection   | IP67 – dust-tight and waterproof up to 1 m for 30 min                            |
| Temperature Range    | –30 °C to +80 °C                                                                 |
| Vibration Resistance | Meets MIL-STD-810H Method 514.8                                                  |
| Drop Resistance      | Meets MIL-STD-810H Method 516.8                                                  |
| Chemical Resistance  | Resistant to oils, solvents, and mild acids (typical of polypropylene materials) |

## 5. Functional Features

- Waterproof, dustproof & impact-resistant
- Auto pressure relief valve for air travel
- Lockable with 7 mm padlocks
- Customisable diced foam interior
- Ideal for AV gear, tools, comms equipment and drones

## 6. Compliance & Labelling

| Category                     | Statement                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| IP Rating                    | Certified to IEC 60529 (IP67) standard – verified by independent testing                                                                |
| MIL-STD Testing              | Tested to MIL-STD-810H (Methods 503.7, 514.8, 516.8)                                                                                    |
| Australian Quality Assurance | Each batch QC tested and inspected in Titan AV's Brisbane facility                                                                      |
| Environmental Responsibility | Manufactured using materials consistent with international environmental standards – supplier declarations held on file where available |

*Version 1.0, Dated: 13/10/2025*