SPECIFICATION SHEET



1. Product Identification

Field	Details
Product Name	**Titan AV 6020 Waterproof Hard Case**
SKU	**FXC-6020**
GTIN	9359899005148
Warranty	2 Years
Country of Origin	Manufactured in China, QC tested in Australia

2. Dimensions & Weight

Specification	Measurement
External Dimensions (L × W × H)	640 × 660 × 375 mm

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Internal Dimensions (L × W × H)	575 × 560 × 300 mm
Lid / Base Depth	30 mm / 270 mm
Internal Volume	96.6 L
Weight (Empty)	11 kg
Padlock Hole Diameter	N/A

3. Construction & Materials

Component	**Specification**
Shell Material	High-impact Polypropylene (FX-2PP)
Foam Insert	2 × 90 mm diced foam + 1 × 80 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	N/A

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)

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5. Functional Features

- Waterproof, dustproof & impact-resistant
- Auto pressure relief valve for air travel
- Customisable diced foam interior
- Ideal for AV gear, tools, comms equipment, drones, photography gear, electronics, satellite communication equipment, GPS, computers, defence and military equipment.

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

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