

POAM Outdoor GaN Pulsed Solid-State Power Amplifiers

Stand-Alone • IP67 Weatherproof • Radar-Ready

Built for Direct Antenna Deployment

- POAM Pulsed SSPAs are specially designed for fully stand-alone operation in rugged **IP67 weatherproof housings**, enabling direct outdoor installation at the radar antenna.
- Engineered for harsh environments with high **thermal resilience**, compact footprint, and reduced **system complexity**.

GaN Solid-State Performance

- ✓ Higher power density
- ✓ Greater **efficiency**
- ✓ Instant-on **operation**
- ✓ Low **maintenance**
- ✓ Long **operational life**

Frequency Coverage

L | S | C | X | Ku | Ka Bands

Output power up to:

- **2.8 kW** (S-Band)
- **2.4 kW** (C-Band)
- **1.5 kW** (X-Band)
- **600 W** (Ku-Band)
- **250 W** (Ka-Band)

Designed and Manufactured in the United Kingdom

- MIL-STD-810 (environmental)
- MIL-STD-461 (EMC/EMI)
- DO-160 (airborne)



www.poamelectronics.com

