



ART Australian made met masts and wind systems provide turnkey solutions to measure your wind resource and provide the highest quality bankable wind data.

IEC Compliant Wind System

ART's wind systems can be customised to the client's needs. All designs and wind system boom layout complies with or exceeds IEC standards and industry best practice.

Remote Monitoring

Remote monitoring capabilities allow real-time tracking of power system health, with alerts sent via email or other communication channels to ensure proactive maintenance and troubleshooting.

In-house Installation Teams

ART employ expert crews to skilfully install your met masts in any location no matter how remote, using crane-free installation. Helicopter installation is also an option.

Additional Features

- Designed and manufactured in Australia.
- Compliant with IEC standards and industry best practice.
- ART are the remote and complex site experts.
- Durable and weather-resistant construction to withstand harsh environmental conditions.

MET MAST PRODUCT DATASHEET

Feature	Description
Met Mast and Wind System Specifications (typical)	
Met mast structure	Triangular lattice - GL55 typical – 550mm face width, Up to 180m
Design & manufacture	Compliant to Australian standards and IEC61400.12.1
Design life	5 years – Temporary, 25 years - Permanent
Anchor solution	6 or 9 anchors, Radius typically 2/3 of mast height
Lightning protection	Standard or customised lightning systems available
Aviation options	Marker balls, red/white painting, aviation lights
Other options	Mast anti-climb, guy markers, Ladsafe cable, signage, fencing
Data logger	Campbell Scientific or others on request
Wind sensors	First class sensors from Thies, Windsensor, Vector & others – with MEASNET calibrations
Other sensors	Highest quality sensors from Vaisala, GaltechMela, RM Young & others
System layout	Full IEC compliance, goal post or single riser top, custom heights
Logger enclosure	IP66 Stainless Steel
Power	Solar panel and battery, AC power integration available
Remote monitoring	4G with external antenna, or satellite
Scada compatibility	Full integration into Scada systems available via Modbus & fibre
Data delivery	Email and S/FTP options
Health monitoring	Online portal with daily email and traffic light dashboard alerting of any issues with system power or communications or sensors



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