



## AFS 150 Assembled Foundation System

### Robust Tower and Concrete-Free Foundation for Wind Turbines up to 1 kW

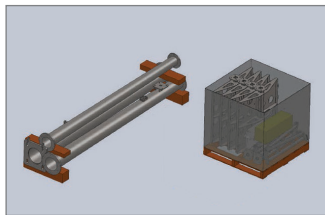
The AFS 150 includes a sturdy tower, raising system and a foundation that can be secured by ballast or anchors without the need for excavation or concrete. This system is ideal for remote monitoring, charging stations, security, temporary lighting or wherever an autonomous energy source is needed.

- **Strong:** Rugged flanged steel construction for strength and durability
- **Flexible:** Portable or permanent; accommodates solar and lighting
- **Hand-Operated:** Easy operation in remote locations
- **Fast:** Installs in one hour, tower raises in just minutes

Specifications	
Capacity	For wind turbines up to 1 kW (custom systems available)
Height	9.2 m (30 ft)
Tower Assembly	Flanged or slip fit
Raising	Worm screw jack, hand operated
Mounting	Turbine-specific mounts available
Foundation	Legs included, ballast or anchors sourced locally
Ballast/Anchoring Requirement	Blocks, earth anchors, geo bag, or any combination 1200 lb (544 kg) each for 4 legs; 4800 lb (2177 kg) total
Survival Wind Speed	54 m/s (120 mph), 3 second gusts
Shipping	Single units up to container quantities
Warranty	Five Year
Extras & Options	Universal lighting arm flange (light arm not included) Diversion load and battery enclosure optional

### Why ARE?

- Custom design and best-in-class engineering using the industry's most in-depth fatigue and frequency analysis
- American-owned manufacturing facility in Asia is ISO 9001 certified for quality assurance (local manufacture available)
- Products ship globally from world's lowest cost center for logistics
- Pole made from American-grade GR 50/55/65 low-silicon steel for strength and durability
- American Welding Society (AWS) D1.1 and CSA W47.1 certified welders for best-in-class construction



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