350G XL Lift Series - Load Tables

18 Meter System - Specifications

Fully Operational	Survivable	Mast Failure

18 Meter 350G Mast

Primary & Secondary Guying

Assumes tripod and guys are properly secured, soil conditions can greatly affect the holding capability of guy stakes

50 Lbs. Deployed

Wind Speed (mph)		70	90
1 Sq. Ft. Panel	30% Guy Distance		
	50% Guy Distance		
	80% Guy Distance		
2 Sq. Ft. Panel	30% Guy Distance		
	50% Guy Distance		
	80% Guy Distance		
3 Sq. Ft. Panel	30% Guy Distance		
	50% Guy Distance		
	80% Guy Distance		
4 Sq. Ft. Panel	30% Guy Distance		
	50% Guy Distance		
	80% Guy Distance		

Disclaimers - These calculations assume that the tripod and guy stakes have been properly secured and are immoveable and that the loads presented are properly balanced. They are intended to be used as a guide when determining the capabilities of the system and cannot account for all the different forces that can combine to act upon the mast in real world deployments. These calculations are theoretical calculations based on generally accepted principles and guidelines and cannot replace the need for physical validation.