



**Hail
Protection**



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Monitoring & Control references on this document are subject to availability. Alternative electronics could be finally provided for your project if needed.
This document is of a commercial nature and the characteristics reflected are not binding for specific projects. The characteristics of the product will be specified in the final documentation of each project.



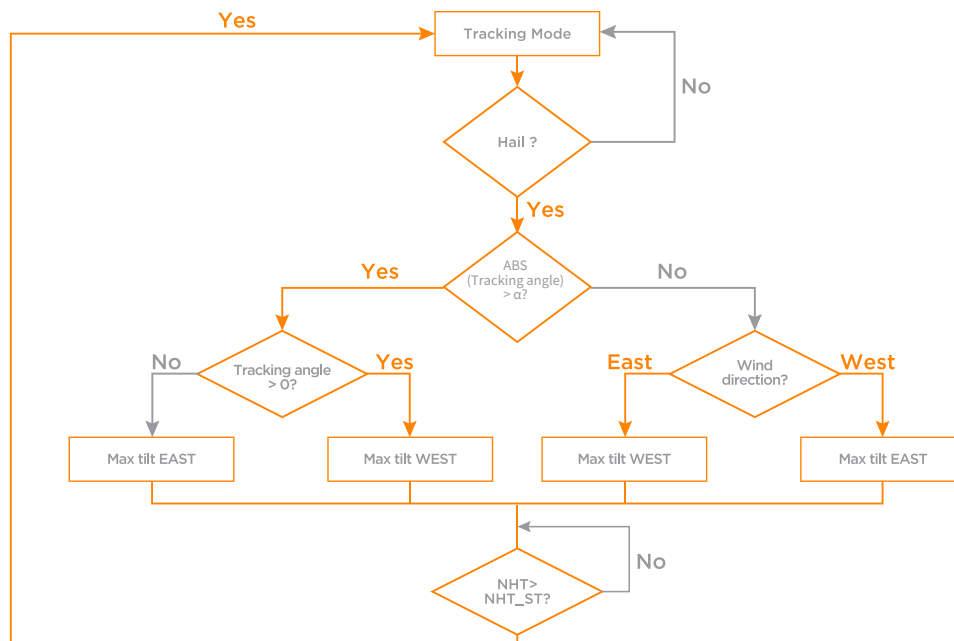
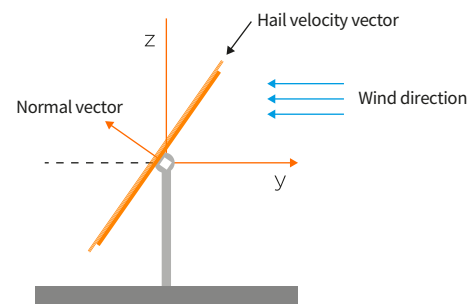
HAIL PROTECTION

Soltec's hail protection system provides a comprehensive solution designed to significantly reduce the risk of hail damage to photovoltaic plants.

Current hail protection requirements for photovoltaic modules, as established in IEC 62817, cover only a portion of the potential hail events that an installation may face. To address this, Soltec has developed an advanced system that combines meteorological sensors, predictive models, and the ability to be activated from the plant's SCADA system, enabling preventative action and minimizing the impact of these events on the project.

MAIN FEATURES

- Based on sensors for a fast and accurate response to hail events
- SCADA operator activation and programming capability
- Optional integration with forecasting systems for automatic activation
- Standard protection angle of 55° and expandable upon request
- Possibility of prioritizing the nearest defensive position to reduce exposure time



α = limit angle to go to the nearest max tilt angle
NHT = No hail time
NHT_ST = Time without hail to go track

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