

# POWER MAX™ Tilted Array

## Request for Quote (RFQ)



The POWER MAX RFQ process is done in two stages. Stage 1 is the initial quote, Stage 2 is the formal design. The Stage 1 Quote is an estimate and may change (up or down) after the engineering review of Stage 2 criteria.

Once we receive the required information for each stage you will receive the following:

- **Stage 1 Quote:** Standard pricing and terms.
- **Stage 2 Design:** Ballast reports, roof specific design, and a Bill of Materials.

### Important Design Considerations:

- Setback is 3 feet except where there are large roof obstructions. Large obstruction setback(s) distance must be at minimum the height of the obstruction(s).
- Roof slope: Maximum of 5°.
- For Exposures B and C only (exposure categories are defined on next page). Exposure D racks are evaluated on a case by case scenario. Consulting with a local Building Department and/or Engineer is recommended.
- Fee based Third-Party Engineering review available upon request.
- Roof installers to provide 3rd party approved protection, e.g. slip sheets, drain mats or sacrificial layers as needed.



## Stage 1: Quote

\*Required fields

Email to: [info@plpsolar.com](mailto:info@plpsolar.com)  
(attach roof layout if available)  
For assistance call 800.260.3792

### Contact Information

Project Name\*:

Company Name\*:

Company Address\*:

City\*:

State\*:

Zip\*:

Point of Contact\*:

Email address\*:

Phone\*:

Distributor:

### System Information

PV Module make and model\*:

Total modules in the system\*:

Module Tilt Angle\*:

Inter-row Spacing\*:

For specific spacing, enter value between 7.5" and 18.5" for 5° or 8.5" and 19.5" for 10°: inches

Are seismic attachments required?\* Yes No

### Site Information

Site address\*:

City\*:

State\*:

Zip\*:

Max Wind Speed\*:

Exposure Category\*:

Snow Load\*:

psf

Unless indicated on the dimensional roof drawing, what is the parapet height\*:

Building Height\*: feet

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### Stage 2: Design

All fields required to complete design

#### Roof/Building Definition

Have you provided a dimensional roof drawing with all obstructions included?      Yes      No

Have you provided the heights on all obstructions?      Yes      No

How much additional load can the building support? (e.g., PSF, dead and live loads)

#### Exposure Design Categories

**Exposure B:** Terrain with buildings, forest or surface irregularities covering at least 20% of the ground-level area extending one mile or more from the site. Is generally an urban site. It is not expected that you make an exhaustive survey for one mile all around the array location to determine the exact proportion of building areas to land.

**Exposure C:** Flat and generally open terrain extending one-half mile or more from the site in any full quadrant. This exposure has become the commonly accepted standard when the terrain in an area is not known.

**Exposure D:** Represents the area with the most severe weather conditions. These areas have basic wind speeds of 80mph or greater with flat, unobstructed terrain adjacent to large bodies of open water. Exposure D extends inland from the shore one-quarter mile or ten times the structure height, whichever is greater.