

## Park@Sol

### Solar Shade Structure

- Conforms to UL 2703<sup>1</sup>
- Certified to ULC/ORD Std. C1703
- Purlin spans up to 30 feet
- Attractive, all-aluminum supports
- Competitive pricing
- Compatible with most modules
- Inclinations up to 20°
- Engineering support and drawings
- Variety of foundation options
- Waterproofing available



### Versatile Solutions

Park@Sol creates new usable areas for solar energy while also providing shade for parking or pedestrian areas. The Park@Sol system is the most versatile solar carport solution on the market offering several different design options for both single and double row parking. Utilizing state of the art production processes, we are able to achieve longer spans between foundations reducing cost and simplifying the installation process. No on-site welding or cutting is necessary to construct this streamlined and architecturally pleasing solar carport.



*Largest carport installation in North America with 14 MW installation developed by Inovateus at Michigan State University*

### Foundation Options

To accommodate any site situation, Schletter offers customized foundations with the following options:

- Cast-in-place concrete ballasts
- Drilled shafts (concrete pillars)
- Micropile anchors

The new micropile foundation option allows for a streamlined design and a very cost-effective system; less concrete material is needed to accommodate even high wind and snow loads.

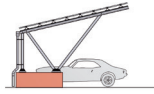


*400kW micropile carport in Orlando by ESA Renewables*

<sup>1</sup> The Park@Sol is evaluated for electrical bonding only. The Park@Sol meets all IBC and ASCE requirements for structural loading; it was not evaluated for loading under UL 2703.

## Layouts

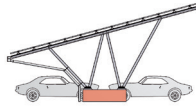
**B1** 1-row vehicle arrangement



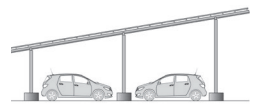
**R1** 1-row vehicle arrangement



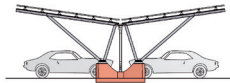
**B2** 2-row vehicle arrangement



**R2** 2-row vehicle arrangement



**B3** 2-row vehicle arrangement  
*Ideal for structures running N/S*



## Support

As with other Schletter systems, you will also receive support from Schletter engineers (including PE stamped system drawings) and geotechnical testing when necessary. Schletter stands behind the quality of its products. We are committed to customer satisfaction; all aluminum systems have a standard 20-year limited warranty.

For United States, visit [www.schletter.us](http://www.schletter.us) or call **888-608-0234** or for Canada, please visit [www.schletter.ca](http://www.schletter.ca) or call **519-946-3800** to speak to a Schletter representative for more information.



## Technical Data

|                              |  |
|------------------------------|--|
| <b>Material</b>              | <ul style="list-style-type: none"> <li>Hardware, bolts: Quality stainless steel</li> <li>Profiles: Aluminum (EN AW 6063, EN AW 6005)</li> </ul>  |
| <b>Warranty</b>              | <ul style="list-style-type: none"> <li>20-year limited warranty on all aluminum systems</li> </ul>   |
| <b>Delivery and services</b> | <ul style="list-style-type: none"> <li>Complete system drawings</li> <li>Geotechnical investigation and structural analysis</li> <li>Project planning assistance</li> <li>Direct delivery of complete carport system to site</li> </ul>  |
| <b>Structural analysis</b>   | <ul style="list-style-type: none"> <li>Structural analysis based on a geotechnical investigation for local terrain condition</li> <li>Individual systems analysis based on local load values</li> <li>Design loads according to IBC 2006, 2009, and 2012 (ASCE 7-05, ASCE 7-10)</li> <li>Highly efficient, material-saving design</li> </ul> |



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