



## SPECIFICATION

System Name	MetaGround-AL- Carport Solar Mounting System
	- Waterproof
Tilt Angle	Recommend below 10°
Wind Load	Up to 60m/s
Snow Load	Up to 150cm
Applicable Solar Module	Framed
Panel Layout	Portrait/Landscape
Design Standard	BS EN, ASCE7-10, BS 6399, AS-NZS 1170 GB 50009-2012, MS 1553
Material	AL-6005-T6, SUS304/410
Color	Sliver/Black
Warranty	10-year
Distance between footing	For 1/2 cars
Net weight	Carport for 2 cars-5x3: 318kg Carport for 3 cars-5x4: 436kg Carport for 6 cars-5x8: 757kg





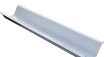

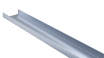





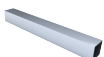





## FEATURE

1. Expertly designed with practical strength, quality and aesthetics, making it suitable for any setting.
2. Light Alu-material, pre-drilled or pre-assembled parts, making installation easier and more precise, saving time on-site.
3. Several unique patented drainage designs, ensuring the best waterproof system for parking.
4. Tailor-made anodized coatings ensuring the parking structure's long-term span while facing different environments.

## INSTALLATION



## COMPONENT

- |          |   |                          |           |   |                   |
|----------|---|--------------------------|-----------|---|-------------------|
| <b>1</b> |  | Top cover                | <b>10</b> |  | Rail Clamp        |
| <b>2</b> |  | Mid Clamp                | <b>11</b> |  | Beam              |
| <b>3</b> |  | V-Drainage Rail          | <b>12</b> |  | Pole              |
| <b>4</b> |  | U-Rail                   | <b>13</b> |  | Base (L=260)      |
| <b>5</b> |  | Waterproof T-tape        | <b>14</b> |  | Eyelet bolt       |
| <b>6</b> |  | Base for V drainage rail | <b>15</b> |  | Rail Splice       |
| <b>7</b> |  | Balance tube             | <b>16</b> |  | Grounding Clip    |
| <b>8</b> |  | Pole connector (L=99mm)  | <b>17</b> |  | Grounding Lug Kit |
| <b>9</b> |  | Rail                     | <b>18</b> |  | Cable Clip        |