



# SUN EARTH

## THE LANDSCAPE RACK SERIES

MOUNTING SPECIFICATION SHEET

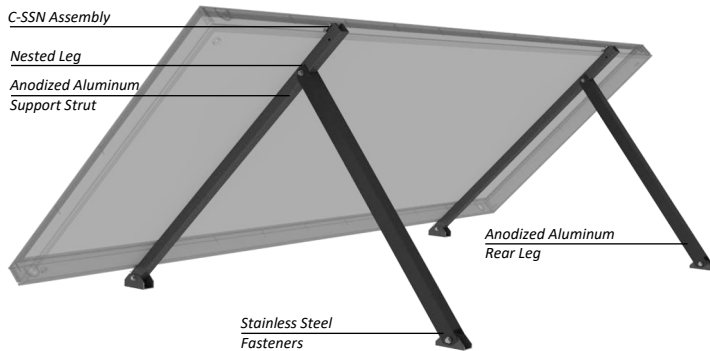
### Applications



Solar Water Heating



Solar Pool Heating



LANDSCAPE RACK	
Support Struts/Legs:	AISI 6063 T6 Anodized Aluminum
Mounting Fasteners:	AISI 304 Stainless Steel
Collector Tilt Angle:	20° to 60° from Horizontal
Support Strut:	20% of collector length inward of collector's short end
Rear Leg:	70° to 90° from collector
Coating:	Commercial Bronze Anodizing
Warranty:	10 Years



Side View



Front View

## ENGINEERING SPECIFICATIONS

### Installation:

Designed for collectors mounted in landscape orientation only. Collector tilt angles between 20° and 60° from horizontal. To be installed 20% of the collector length inward of the collectors short end.

### Materials :

Mounting and legs shall be constructed of AISI 6063 T6 anodized aluminum with the collector connection interface consisting of an integral channel as to allow flexibility of collector positioning. Mounting fasteners shall be a minimum of AISI 304 stainless steel, fastener assemblies shall include flanged serrated fastener security. Mounting shall allow collectors to be affixed without penetration of the collectors casing.

### Application:

Mounting shall allow collector to be installed only in a landscape orientation, allowing a low profile installation. Mounting shall be adjustable as to allow collector tilt angles, from horizontal, between 20° and 60°.

### Tabulated Loads on supported collectors (based on tilt angle) in PSF (lbs./ft<sup>2</sup>)\*:

Collector Model:	20°	25°	30°	35°	40°	45°	50°	55°	60°
EP-21	207, 207	207, 207	207, 207	207, 207	207, 207	207, 207	207, 207	135, 135	135, 135
EP-24/SB-24	178, 178	178, 178	178, 178	178, 178	178, 178	178, 178	178, 178	178, 178	178, 178
TRB-26	161, 161	161, 161	161, 161	161, 161	161, 161	161, 161	161, 161	161, 161	161, 161
TRB-32/EP-32/SB-32	134, 134	134, 134	134, 134	134, 134	134, 134	134, 134	134, 134	87, 87	87, 87
EP-32-1.5"	134, 134	134, 134	134, 134	134, 134	134, 134	134, 134	134, 134	87, 87	87, 87
TRB-40/EP-40/SB-40	108, 108	108, 108	108, 108	108, 108	108, 108	108, 108	108, 108	70, 70	70, 70
EP-40-1.5"	108, 108	108, 108	108, 108	108, 108	108, 108	108, 108	108, 108	70, 70	70, 70

\*uplift/down force

Due to SunEarth's policy of continuous product improvement, specifications are subject to change without notice.

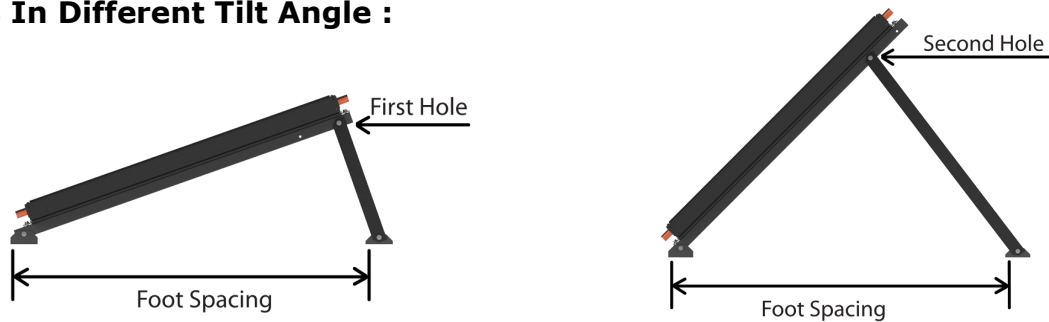


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### Dimensions In Different Tilt Angle :



### Angle Tilt and Foot Spacing Using First Hole on the Strut:

Part Number	20°	26°	29°	38°	40°	45°	50°	55°	60°
MTG-LSR-55-19-BA	51.75"	-	-	-	-	-	-	-	-
MTG-LSR-55-25.5-BA	-	54.5"	42.5"	-	-	-	-	-	-
MTG-LSR-55-40-BA	-	-	-	62.25"	59.25"	51"	39.25"	-	-
Part Number	20°	26°	29°	38°	40°	45°	50°	55°	60°
MTG-LSR-52-19-BA	51.75"	-	-	-	-	-	-	-	-
MTG-LSR-52-25.5-BA	-	54.5"	42.5"	-	-	-	-	-	-
MTG-LSR-52-40-BA	-	-	-	62.25"	59.25"	51"	39.25"	-	-
Part Number	24°	26°	31°	38°	40°	45°	50°	55°	60°
MTG-LSR-42-19-BA	42.5"	34.75"	-	-	-	-	-	-	-
MTG-LSR-42-25.5-BA	-	-	45.5"	30.5"	-	-	-	-	-
MTG-LSR-42-40-BA	-	-	-	-	-	54.75"	49"	43.5"	37.75"

### Angle Tilt and Foot Spacing Using Second Hole on the Strut:

Part Number	22°	25°	29°	34°	42°	45°	50°	55°	60°
MTG-LSR-55-19-BA	46.25"	39.25"	-	-	-	-	-	-	-
MTG-LSR-55-25.5-BA	-	-	49"	35.5"	-	-	-	-	-
MTG-LSR-55-40-BA	-	-	-	-	57.5"	54.5"	48"	41"	32.5"
Part Number	22°	25°	29°	34°	42°	45°	50°	55°	60°
MTG-LSR-52-19-BA	46.25"	39.25"	-	-	-	-	-	-	-
MTG-LSR-52-25.5-BA	-	-	49"	35.5"	-	-	-	-	-
MTG-LSR-52-40-BA	-	-	-	-	57.5"	54.5"	48"	41"	32.5"
Part Number	27°	32°	36°	40°	45°	49°	50°	55°	60°
MTG-LSR-42-19-BA	37.25"	27.75"	-	-	-	-	-	-	-
MTG-LSR-42-25.5-BA	-	-	40.75"	36"	28"	-	-	-	-
MTG-LSR-42-40-BA	-	-	-	-	-	50.75"	50"	46.25"	42.25"

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