

Solar Flat Panel Collectors

SMX -C P Range



Support local industry!

Available sizes:

<u>Panel</u>	<u>Aperture Area</u>	<u>Dimensions</u>	<u>Footprint</u>	<u>Risers</u>	<u>Capacity</u>	<u>Nett Weight</u>
SMX1.2 -C7R	1.185 m ²	1210 x 1010 x 75 mm	1224 x 1024 mm	8	80 ℓ	22 kg
SMX1.5 -C8R	1.480 m ²	1510 x 1010 x 75 mm	1524 x 1024 mm	8	100 ℓ	30 kg
SMX1.6 -C7R	1.630 m ²	1920 x 874 x 75 mm	1934 x 888 mm	7	100 ℓ	31 kg
SMX2.3 -C10R	2.327 m ²	1920 x 1 240 x 75 mm	1934 x 1 254 mm	10	150 ℓ	43 kg
SMX3.2 -C14R	3.260 m ²	1920 x 1748 x 75 mm	1934 x 1762 mm	14	200 ℓ	62 kg

Technical Specifications:

Working pressure	0 – 600 kPa
Test pressure	600 kPa
Glazing	4mm Toughened One -Way Prismatic Glass
Absorber Fins	130mm x 0.5mm Roll formed Aluminum
Absorber Fin Coating	Cu-chromite/carbon blend Organic Solar Compound Highly absorbent in solar spectrum 300 -2000nm
Piping Grid	22mm Copper Header T -drilled to 15mm copper Risers , Brazed with silver/copper
Insulation	15 mm Polystyrene and 25 mm rock wool
Casing	1.5mm Extruded Anodized aluminum
Pipe connections	22mm Copper compression fittings
Backing plate	0.5mm Natural aluminum sheeting
Warrantee	10 Years

SUNWORX
Renewable Energy Solutions



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