E-AblePower Technology

LISHUI E-ABLE POWER EQUIPMENT CO., LTD
No.368 Chengbei Road, Liandu District, Lishui, Zhejiang, China
www.e-ablepower.com | sales@e-ablepower.com | WhatsApp +86 153 5558 9600

SOLARWRAP SQUARE / 180 mm

180 mm square series
SM124 · SQ164 · SM188 · SM268

Slim square-section modules for poles up to 100 mm · 124–268 W · glass and aluminium



Square-section module, 180 mm face

The 180 mm square section is the slim option: it fits poles that will not take a 220 mm module, and it keeps the pole looking like a lighting column rather than a solar mast. Four models cover 1.24 m to 2.02 m.

Model	Pmax	Dimension (mm)	Max pole Ø	Warranty
SM124	124 W	180 × 180 × 1520	100 mm	5 yr
SQ164	164 W	180 × 180 × 1240	100 mm	5 yr
SM188	188 W	180 × 180 × 1520	100 mm	5 yr
SM268	268 W	180 × 180 × 2020	100 mm	5 yr

WHAT IS PUBLISHED AND WHAT IS NOT

Confirmed	Pmax, dimensions, pole diameter, glass and aluminium build, 5-year warranty
	Mounting and clamp hardware as the 220 mm square range
Not published	Vmp, Imp, Voc, Isc, cell type, efficiency
	No factory datasheet or drawing exists for this section in the current file set

Before a tender	Ask us for the electrical table and the outline drawing; both are requested from the factory per project
String design	Do not size a string on this sheet alone — without Voc the controller cannot be checked
Alternative	Where the tender allows, the 220 mm SQ140–SQ300 range is fully documented

180 MM AGAINST THE 220 MM SECTION

Model	Section	Pmax	Length	Max pole Ø	Electrical data	Drawing
SQ140	220 mm	140 W	1,040 mm	140 mm	Published	In the datasheet
SQ220	220 mm	220 W	1,540 mm	140 mm	Published	In the datasheet
SQ260	220 mm	260 W	1,820 mm	140 mm	Published	In the datasheet
SM124	180 mm	124 W	1,520 mm	100 mm	Not published	On request
SQ164	180 mm	164 W	1,240 mm	100 mm	Not published	On request
SM188	180 mm	188 W	1,520 mm	100 mm	Not published	On request
SM268	180 mm	268 W	2,020 mm	100 mm	Not published	On request

WHERE THE SLIMMER SECTION WINS

Narrow verges. On a 100 mm pole a 220 mm module overhangs the kerb line; the 180 mm section stays inside it.

Heritage streets. A slimmer column with a smaller face area is easier to approve than a 220 mm module.

Pedestrian zones. Smaller swept envelope at head height, which is what the accessibility check measures.

Same hardware. Clamps, corner buckles and screws are shared with the 220 mm range, so stock is common.

Straight answer. We can quote these four models and build them, but we will not put an electrical table on a customer document until the factory issues one. Quoting Vmp or Voc from a sister model would be an invented number.