

Solar Roof Tiles

PRODUCT PICTURE



PHYSICAL PARAMETERS

Color	Black		Red (JSA01-202)	
Product model	JS40CB-10	JS95CB-24P	JS35CB-10	JS80CB-24
Dimensions	630*480mm	1260*480mm	630*480mm	1260*480mm
Effective Size	580*420mm	1210*420mm	580*420mm	1210*420mm
Weight	7.5kg	15.5kg	7.5kg	15.5kg
Solar Cell Type	182*91mm (2*5)	182*91mm (2*12)	182*91mm (2*5)	182*91mm (2*12)
Junction box	≥IP67	≥IP67	≥IP67	≥IP67
Cable type	450mm / 4mm²	900mm / 4mm²	450mm / 4mm²	900mm / 4mm²
Glass (material/thickness)	Tempered glass/3.2mm+3.2mm			
Plug connector	MC4			
Life span	>30years			

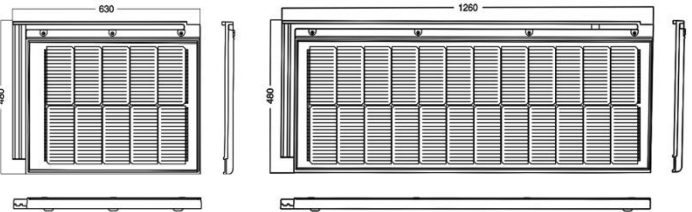
ELECTRICAL PARAMETERS(STC)

Solar cells	Monocrystalline			
Power output (P _{max})	40W	95W	35W	80W
Module efficiency (%)	17.8%	20%	15.6%	16.8%
Voltage at Pmax (V _{mpp})	6.04V	14.70V	5.94V	14.0V
Current at Pmax (I _{mpp})	6.62A	6.46A	5.89A	5.71A
Open-circuit current (V _{oc})	7.24V	17.50V	7.12V	16.90V
Short-circuit current (I _{sc})	6.99A	6.79A	6.22A	6.02A

STC: 1000W/m2 irradiance , 25 degree cell temperature, AM1.5g.

DIMENSIONS

Unit :mm



OPERATING CONDITIONS

Max. system voltage	1500V _{oc}
Max. series fuse rating	16A
Operating temperature range	-40℃至+85℃
Max. static load, front (e.g., snow)	5400Pa
Max. static load, back (e.g., wind)	2400Pa
Max. hailstone impact (diameter / velocity)	25mm / 23m/s

THERMAL CHARACTERISTICS

Nominal operating cell temperature	NOCT	℃	45±2
Temperature coefficient of (P _{max})	γ	%/℃	-0.36
Temperature coefficient of (V _{oc})	β _{Voc}	%/℃	-0.30
Temperature coefficient of (I _{sc})	α _{Isc}	%/℃	0.05