



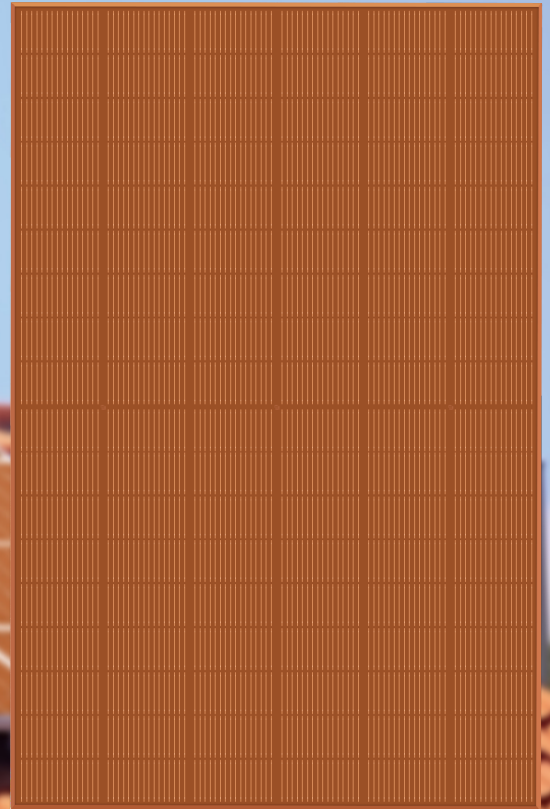
Selenso

ICON R-Series TC

ICON-54M10RC3G

TERRA COTTA GLASS BIFACIAL N-TYPE MODULE

375~390 W



Colored BIPV Roofing

Seamlessly integrates solar generation with architectural design, offering customizable colors while maintaining high efficiency and aesthetic appeal.



Dual-Sided Power Ge

Dual-sided power generation gain increases with backside exposure to light, significantly reducing LCOE.



Anti-PID (potential induced degradation)

Passed anti-PID test under 85°C damp heat 85% relative humidity for 192 hours



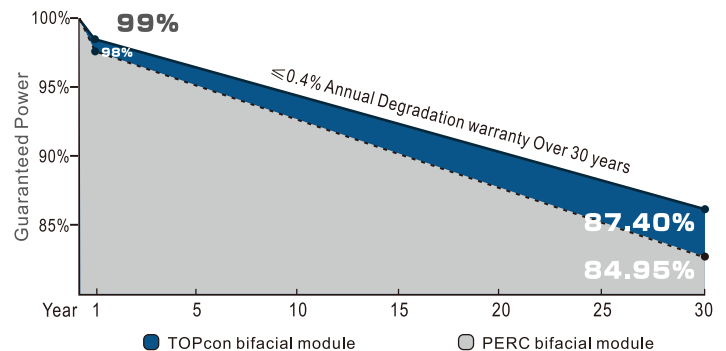
Lower LCOE

Lower shading and resistive loss
Lower temperature coefficient



Outstanding mechanical load resistance

2400 Pa wind load, 5400 Pa snow load



Certification

- IEC 61215-1: 2021
- IEC 61215-1-1: 2021
- IEC 61215-2: 2021
- IEC 61730-1: 2023
- IEC 61730-2: 2023

ELECTRICAL SPECIFICATIONS

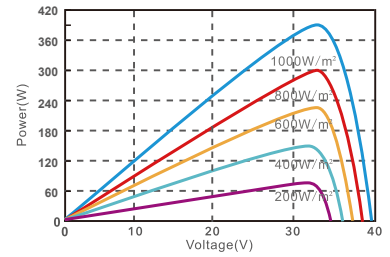
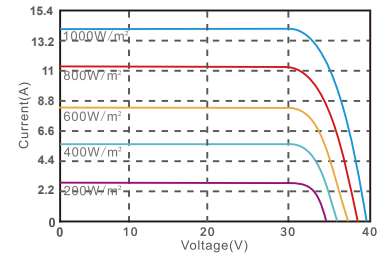
Module Type	ICON-54M10RC3G-375		ICON-54M10RC3G-380		ICON-54M10RC3G-385		ICON-54M10RC3G-390	
	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*	STC*	NOCT*
Maximum Power (Pmax) W	375	284	380	288	385	292	390	296
Maximum Power Voltage (Vmp) V	29.16	26.83	29.35	27.03	29.53	27.20	29.71	27.39
Maximum Power Current (Imp) A	12.86	10.58	12.95	10.66	13.04	10.73	13.12	10.81
Open-circuit Voltage (Voc) V	39.34	35.80	39.34	35.80	39.34	35.80	39.34	35.80
Short-circuit Current (Isc) A	14.4	11.62	14.46	11.67	14.52	11.72	14.58	11.77
Module Efficiency STC %	16.85		17.08		17.30		17.53	
Operating Temperature	-40°C~85°C							
Maximum system voltage	DC1500V(IEC)							
Maximum series fuse rating	30A							
Power tolerance	0~+5 Watt							
Temperature coefficients of Pmax	-0.29%/°C							
Temperature coefficients of Voc	-0.25%/°C							
Temperature coefficients of Isc	0.046%/°C							
Nominal operating cell temperature (NOCT)	43±2°C							

*STC : Cell temperature: 25°C, Irradiance: 1000 W/m², Air mass: 1.5G

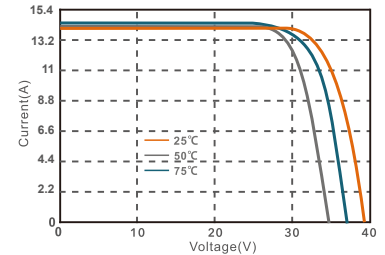
*NOCT : Air temperature: 20°C, Irradiance: 800 W/m², Air mass: 1.5G, Wind speed: 1 m/s

I-V CURVE

I-V characteristics at different irradiances (reference to 390W)



I-V characteristics at different temperature



SPECIFICATIONS

Cell Type	N type Mono-crystalline
No. of cells	108(6×9×2)
Dimensions	1961*1134*30mm
Weight	26.6kg
Glass	2.0mm+2.0mm, Front AG Anti-Glare Glass, Back Black Mesh Glass
Junction Box	IP68, 3 diodes
Connector	MC4 Compatible
Cable Length (Including Connector)	4mm ² Landscape: (+)1200mm/(-)1200mm or Customized Length
Packaging Configuration	Two Box=One Pallet 36pcs/Box, 72pcs/Pallet, 864pcs/40HQ Container

