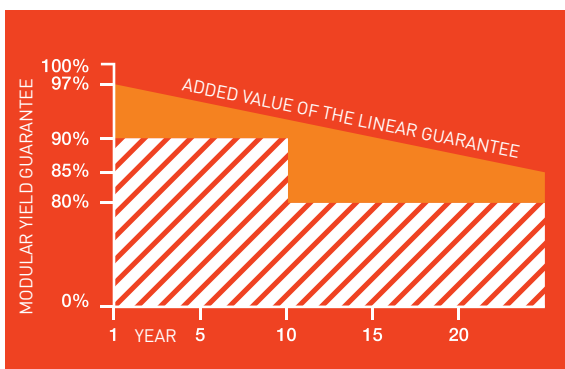
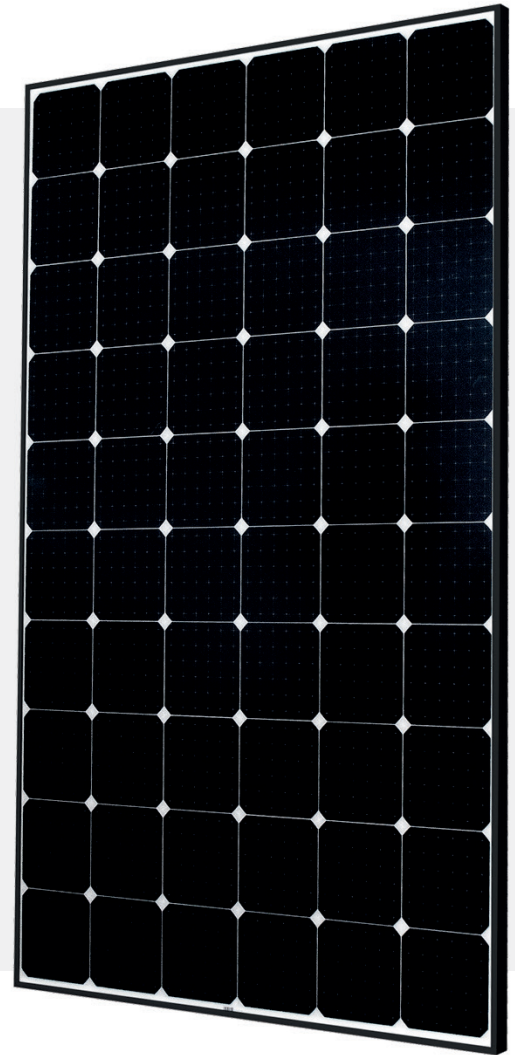


A-TWR HIGH EFFICIENCY MONO MONOCRYSTALLINE 60 CELLS Metal Wrap Through



OUTPUT: 340 - 350 WATT

This top rank model is based on the innovative "Metal Wrap Through" technology. These PERC-cells generate power both side, reaching a power output much higher than conventional panels and a conversion efficiency up to 20,51%. Innovative cell arrangement and rear positioning of Metal Wrap Through reduce the power loss, add up cell surface to power production and improve the general performance of the panel. This model features power output 350W, dimensions close to conventional panels and a black anodized aluminum frame for an impressive visual attractiveness.



15 years manufacturer's warranty
25 years linear performance guarantee



Guaranteed positive output
tolerance of 0/+5 Wp by single
measuring



Maximum 5400Pa snow
load



3,2mm anti-reflective glass



Maximum stability through
aluminium frame Soft-Grip

A-TWR HIGH EFFICIENCY MONO

MONOCRYSTALLINE 60 CELLS

Metal Wrap Through

STC	A-TWR340M	A-TWR350M
Maximum Power (Pmax)	340W	350W
Open Circuit Voltage (Voc) (V)	40.40	40.70
Short Circuit Current (Isc) (A)	10.66	10.69
Voltage at Maximum Power (Vmpp) (V)	32.90	33.30
Current at Maximum Power (Impp) (A)	10.33	10.51
Modul Efficiency (%)	19.92	20.51

Electrical characteristics (at Standard Test Conditions (STC) of irradiance 1000W/m², spectrum AM 25°C)

Electrical Parameters at NOCT	A-TWR340M	A-TWR350M
NOCT irradiance 800W/m², AM 1.5G, cell temperature 20°C, wind speed 1m/s	A-TWR340M	A-TWR350M
Maximum Power (Pmax)	256W	264W
Open Circuit Voltage (Voc) (V)	37.00	37.40
Short Circuit Current (Isc) (A)	8.79	8.86
Voltage at Maximum Power (Vmpp) (V)	30.20	30.60
Current at Maximum Power (Impp) (A)	8.48	8.63

Temperature Charateristics	
Pmax Temperature Coefficients (W/°C)	-0.36%/°C
Voc Temperature Coefficients (V/°C)	-0.28%/°C
Isc Temperature Coefficients (A/°C)	+0.06%/°C
Noct Nominal Operating Cell Temperature (°C)	43+/-2°C

Operating Conditions	
Operating Module Temperature:	-40°C to +85°C
Maximum System Voltage:	1000V
Maximum Series Fuse Rating:	15A
Power Tolerance:	0/+5W
Maximum Static Load Front	5400Pa tested 8000Pa
Maximum Static Load Back	2400Pa
Application Class	Class A

Specifications	
Cell Type	60 (10x6) Mono 6 inches
Weight	19.5kg +/-3%
Dimensions	1680x1016x35mm (+/-2mm)
Cable Cross Section Size	4mm², cable 90cm, QC4
No. Of cells	60 (6x10)
Junction Box	IP67, 3 diodes
Frame	Black Anodized Aluminium
Front Glass	3,2mm high trasmission, low iron,tempered glass

