The ultimate solution for your SMART MODULE™

Sunerg SOLAR ENERGY

POLYCRYSTALLINE I+ *intelligent*

XP60/156I+INT
240/260 Wp

HIGH EFFICIENCY
3 BUSBAR CELLS

+5 Wp
PLUS-ONLY TOLERANCE

AR-COATED GLASS*

25 YEARS
25 YEARS POWER WARRANTY

Optimized by Tigo energy

OPTIMIZER INSIDE

THE intelligent SOLUTION BENEFITS

Smart modules equipped with Tigo Energy®'s PV optimizers provide all the benefits of optimizers and micro inverters completely integrated into solar modules directly from leading manufacturers. Smart modules provide the only scalable module-level power optimization and monitoring for residential, commercial and utility-scale installations.

Smart Modules Provide:

- *25% more power density / efficiency*
- *Module-level monitoring, reduced O&M and commissioning costs*
- *Arc, fire and safety hazard mitigation*
- *Increased energy harvest and system uptime for proven ROI*
- *No additional labor or connections*

Tigo Energy optimizers not only achieve best-in-class system conversion efficiencies at 99.6% but also reduce the risk of arc, fire and safety hazards. PV-Safe TM, a unique technology that greatly enhances the safety of a solar installation, is included in all smart modules. The PV-Safe function can automatically detect and eliminate high voltage from the array and can be activated remotely.

XP60/156I+INT SMART MODULE™

is the top of a wide range PV Sunerg modules. Manufactured according to IEC 61215, IEC 61730 standard and CE. Best in class production concept. Three BusBar cells with induction welding for a longer lasting electric performance. By **Tigo** optimizer, module gives higher power density and efficiency, with the effect form factor of a traditional module, and a **25** years warranty for a power output of 80%.Ten years product warranty.

*If available

CE IEC 61215 ED2 61730 PV CYCLE Made in Italy IFI INDUSTRIE FOTOVOLTAICHE ITALIANE

www.sunergsolar.com

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XP 60/156I+INT

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ELECTRICAL DATA	XP 60/156-240 I+INT	XP 60/156-245 I+INT	XP 60/156-250 I+INT	XP 60/156-255 I+INT	XP 60/156-255 I+INT
Open-circuit Voltage (Voc)	36.90 V	37.02 V	37.38 V	37.62 V	37.68 V
Voltage at Pmax (Vmp)	30.09 V	31.03 V	31.38 V	31.68 V	31.98 V
Short-circuit current (Isc)	8.35 A	8.41 A	8.52 A	8.61 A	8.73 A
Current at Pmax (Imp)	7.85 A	7.91 A	8.01 A	8.10 A	8.22 A
Peak Power (Pmax) *Power tollerance 0 /+5 Wp **	240 Wp	245 Wp	250 Wp	255 Wp	260 Wp
Module Efficiency	14.73%	15.04%	15.35%	15.65%	15.96%
Maximum Voltage	1000 V DC	1000 V DC	1000 V DC	1000 V DC	1000 V DC
Maximum series Fuse rating	16A	16A	16A	16A	16A
Operating Temperature	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C	-40°C - +85°C

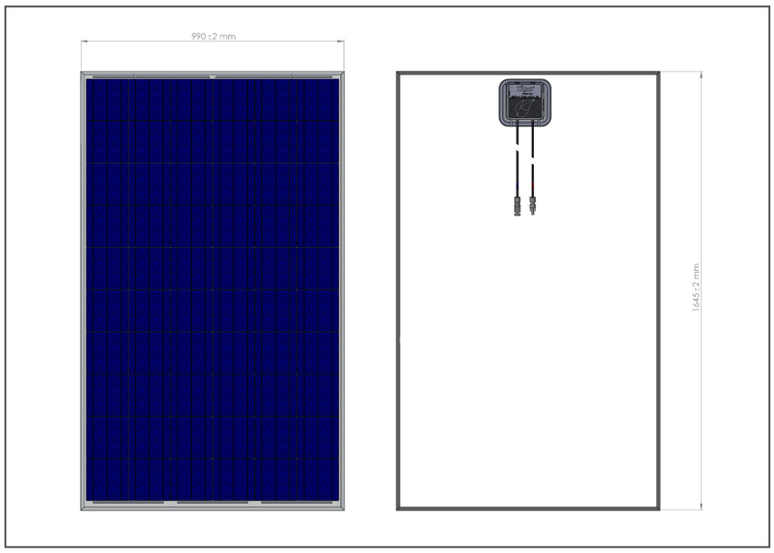
* STC *(Standard test conditions)*

Irraggiamento1000 w/m^2, temperatura modulo 25°C, AM= 1.5
Irradiance1000 w/m^2, module temperature 25°C, AM= 1.5
Éclairement énergétique 1000 w/m^2, temperature du module 25°C, AM= 1.5

TEMPERATURE COEFFICIENT	
NOCT	46±2 °C
Pmax *Temperature coefficient*	-0.40% / °C
Voc *Temperature coefficient*	-0.32% / °C
Isc *Temperature coefficient*	0.04% / °C

GENERAL INFORMATION	
Solar cell	Poly 156mm x 156mm
Number of cells	60
Dimensions (mm)	1645 x 990 x 35
Weight	20 Kg
Front glass	*Temperated AR Coated glass*, 4mm thickness***
Frame	*Anodized aluminum alloy*
Junction Box	*mod. Tigo MMJ ES50 maximizer inside*
Connectors	MC4

**if available* ***3.2 mm thickness available*



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