Now with IEC61215 Edition2



150 Watt Photovoltaic Module **TS150 SBZ**

Special features:

- Designed to meet latest IEC 61215 Edition2 Standards.
- Manufactured in ISO 9001 & ISO 14001 certified facility.
- Crystalline Module.
- Torsion & corrosion resistant anodized aluminium frames having higher strength with proper mounting holes for quick and easy installation.
- High light transmission toughened glass to gain maximum power and protect against all environmental conditions Hail, Snow, Ice and storm

Open type Junction box with pre-assembled cables and connectors

Applications:

- <u>Telecommunications/Power packs</u>
- Defense application / Offshore platform
- Rooftop systems for Commercial and Domestic purpose
- Off grid application
- <u>Railways and Water Pumping Applications</u>

Testing and Certification:

CERTIFICATION	STATUS
IEC61215 Edition2	Yes
IEC61730-2:2004	Yes

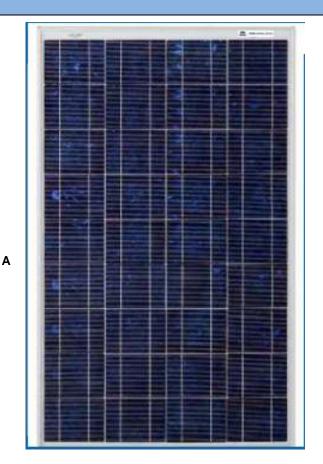
Legal Data:

Power Warranty	25 Years 80%
Workmanship warranty	10 Years

Temperature coefficient characteristics:

NOCT (°C)	47±2
Temperature coefficient of Pmax (%/℃)	-0.4383
Temperature coefficient of Voc (%/°C)	-0.3305
Temperature coefficient of lsc (%/℃)	0.0638

ABDULMAJEED AL-WAHBANI TRADING GROUP (ATG) YEMEN SANA'A HADA STREET NEAR AL-GARASI BUILDING TEL: 211764 MOB: 777222725 WEB SITE WWW.ATG-YE.COM E-MAIL INFO@ ATG-YE.COM مجموعة عبدالمجيد الوهباني للتجارة البمن – صنعاء – حدة ووار عمارة الغراسي تلفاكس / 17742 جوال 777222725 الموقع الالكتروني WWW.ATC-YE.COM البريد الالكتروني INFO@ ATC-YE.COM



В

Mechanical Data	
Module size (L x W x H)	1504mm X 674mm X 33mm
Distance between mounting	901mm X 651mm
holes (A x B)	
Mounting hole size(Elliptical)	12.7mm x 8.5mm
Module weight	12kg
Superstrate	Tempered glass 3.2mm
Encapsulant	EVA
Substrate	Pet -White
Frame type	Silver Anodized Aluminum
Cable and termination	4mm ² Cable with weather
Male cable(-) length-300mm	proof multi contact connector,
Female cable(+) length-800mm	Asymmetrical cable lengths
Junction box	IP67 Standard

Electrical Data

STC@25°C/ under1000W/M² at AM1.5G Solar spectrum

Cell Technology	Multi Crystalline
Series Cells-(Nos)	36
Power Tolerance. Min (%)	-5W & +5W
Pmax (Watts)	150
Voc(V)	22.2
Isc (A)	8.64
Vmp(V)	18.4
Imp(A)	8.15
Series fuse size (A)	20
Max.System Voltage (V)	1000
FF	>0.7
Cell efficiency (%)	17.2
Module efficiency (%)	14.8