



Specifications :

- Mono PERC cell technology upto 20% more power output per square meter resulting larger capacity in smaller space.
- Lower thermal coefficients offering prominent temperature dependent performance. new multi busbar half cell configuration higher power output
- Lower resistive loss and Less shading loss due to two independent section design lowering risk of hotspot.
- Higher returns on investment 1500v system voltage reducing overall project bos (balance of system) cost.
- Lower LOCE (levelized cost of electricity) generating shorter payback period.
- Enhanced mechanical loading tolerance built to with stand mechanical loads upto 5400 pa (frontside)

Parameters	Values
Maximum Power Pmax	540
Maximum Voltage Vmpp	40.73
Maximum Current Impp	13.26
Open-Circuit Voltage Voc	49.34
Short-Circuit Current Isc	13.96
Module Efficiency	20.92

- Electrical parameters at nominal operating cell temperature(NOCT)

Parameters	Values
Maximum Power Pmax	401.88
Maximum Voltage Vmpp	37.89
Maximum Current Impp	10.6
Open-Circuit Voltage Voc	46.58
Short-Circuit Current Isc	11.27

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

● Thermal Characteristics

Nominal Operating Cell Temperature	NOCT	°C	45 ± 2
Temperature Coefficient of P _{max}	γ	%/°C	-0.35
Temperature Coefficient of V _{oc}	β	%/°C	-0.28
Temperature Coefficient of I _{sc}	α	%/°C	0.06

● Operating Conditions

Maximum System Voltage	1500V _{dc}
Maximum Series Fuse Rating	25 A
Operating Temperature Range (°C)	-40°C to 85°C
Maximum Static Load, Front (snow load)	5400 Pa
Maximum Static Load, Back (e.g., wind)	2400Pa
Max. Hailstone Impact (diameter, velocity)	25mm, 23m/s

● Mechanical Data

Superstrate (Glass)	3.2 mm, AR coated, High transmittance low iron tempered glass
Frame Material	Silver Anodized aluminium frame with twin profile
Cell Encapsulant	EVA (Ethylene Vinyl Acetate), FC/UFC , low thermal shrinkage
Back Sheet	Composite film - White
Junction Box	3 Split, IP 68 rated
Cable	350 mm length cable, 4mm ² cross section (customized cable length upon request)
Connectors	2 Nos. Black MC4 Compatible Connectors

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
 India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
 Sitapura Extension, Jaipur-302022, India.



info@tesca.in
 www.tescaglobal.com