RS CORPORATION

Jyotitech Solar™
Energising Future

TECHNICAL DATA SHEET

JTS 50

50 Wp Monocrystalline Solar Module

50 Wp
MAXIMUM POWER

18.12 %
MODULE EFFICIENCY

1500 V DC
MAX. SYSTEM VOLTAGE

Class II
SAFETY CLASS



690 × 400 × 30 mm · 2.75 kg · Illustrative image

Electrical Parameters

PARAMETER	SYMBOL	VALUE
Maximum Power	P_{max}	**50 Wp**
Maximum Power Tolerance		**± 2 %**
Maximum Power Voltage	V_{mp}	**18.42 V**
Maximum Power Current	I_{mp}	**2.72 A**
Open Circuit Voltage	V_{oc}	**22.50 V**
Short Circuit Current	I_{sc}	**2.86 A**
Maximum System Voltage		**1500 V DC**
Maximum Series Fuse		**10 A**
Module Efficiency		**18.12 %**
Application Class		**A**
Safety Class		**II**
Cell Type		**Monocrystalline**

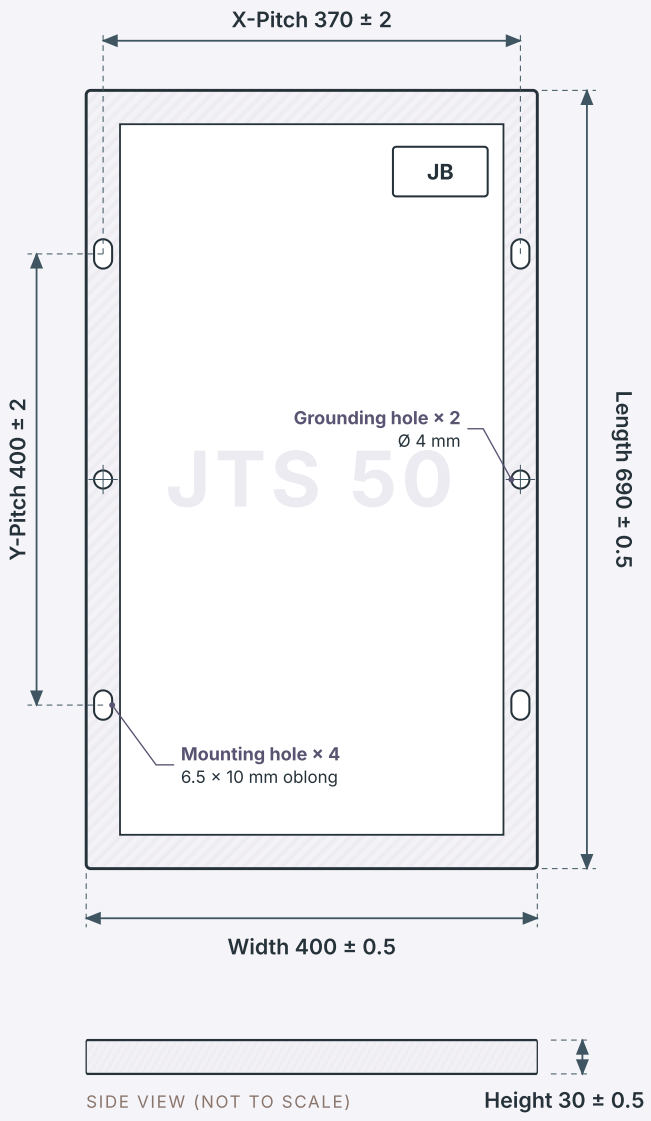
RS CORPORATION
'Gayatri' Ganesh Nagar, Near Pethenagar Road, Opposite Lekha Nagar, Nasik-422009
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JTS 50 · 50 WP MONOCRYSTALLINE SOLAR MODULE

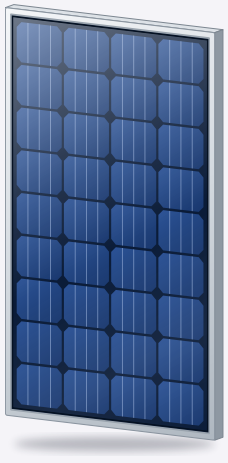
Module Drawing



Mechanical Parameters

PARAMETER	VALUE
Length of Module	690 mm ± 0.5 mm
Width of Module	400 mm ± 0.5 mm
Height of Module	30 mm ± 0.5 mm
Mounting Hole	6.5 × 10 mm (Oblong), 4 nos.
X-Pitch	370 mm ± 2 mm
Y-Pitch	400 mm ± 2 mm
Grounding Hole	Ø 4 mm, 2 nos.
Weight of Module	2.75 kg

All dimensions in millimetres. JB = junction box. Mounting and grounding holes are enlarged in the drawing for clarity.



JTS 50 · Illustrative image

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