RS CORPORATION

Jyotitech Solar™
Energising Future

TECHNICAL DATA SHEET

JTS 500

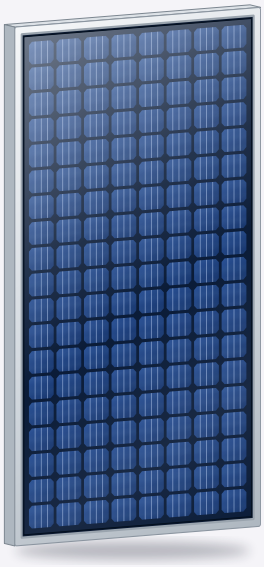
500 Wp Monocrystalline Solar Module

500 Wp
MAXIMUM POWER

21 %
MODULE EFFICIENCY

1500 V DC
MAX. SYSTEM VOLTAGE

Class II
SAFETY CLASS



2093 × 1133 × 35 mm · 25.3 kg · Illustrative image

Electrical Parameters

PARAMETER	SYMBOL	VALUE
Maximum Power	P_{max}	**500 Wp**
Maximum Power Tolerance		**± 2 %**
Maximum Power Voltage	V_{mp}	**40.60 V**
Maximum Power Current	I_{mp}	**12.32 A**
Open Circuit Voltage	V_{oc}	**48.82 V**
Short Circuit Current	I_{sc}	**13.30 A**
Maximum System Voltage		**1500 V DC**
Maximum Series Fuse		**20 A**
Module Efficiency		**21 %**
Application Class		**A**
Safety Class		**II**
Cell Type		**Monocrystalline**

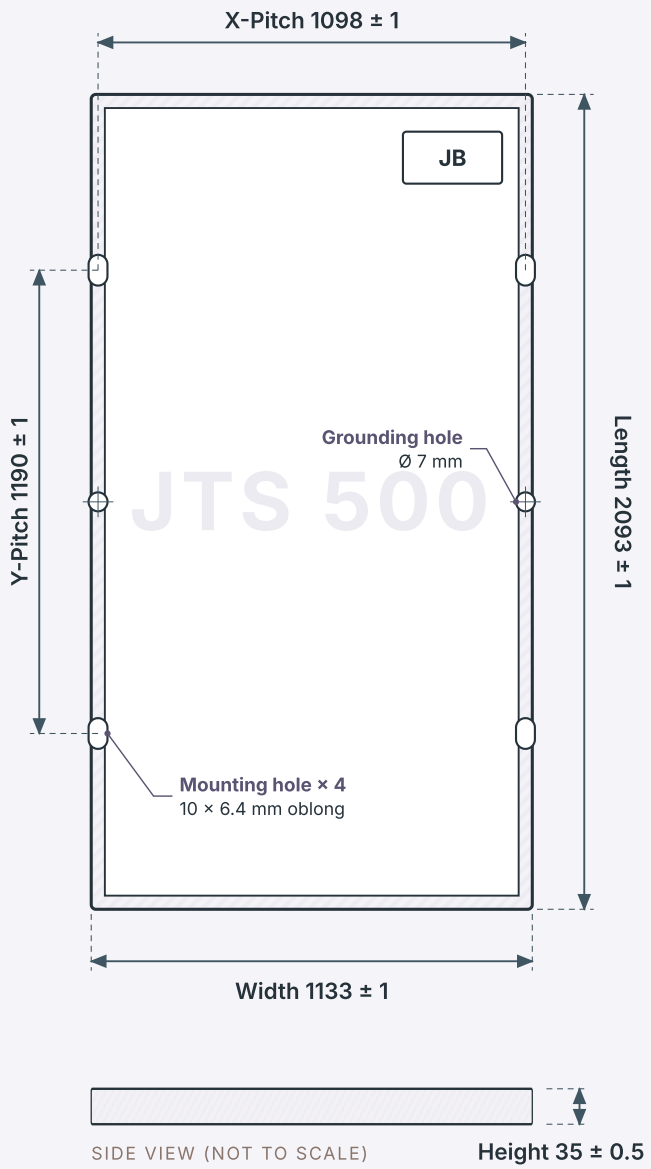
RS CORPORATION
'Gayatri' Ganesh Nagar, Near Pethenagar Road, Opposite Lekha Nagar, Nasik-422009
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JTS 500 · 500 WP MONOCRYSTALLINE SOLAR MODULE

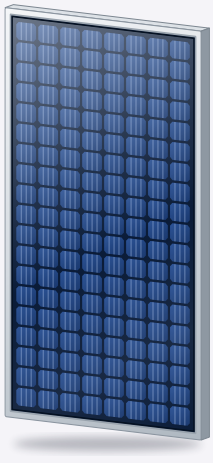
Module Drawing



Mechanical Parameters

PARAMETER	VALUE
Length of Module	2093 mm ± 1 mm
Width of Module	1133 mm ± 1 mm
Height of Module	35 mm ± 0.5 mm
Mounting Hole	10 × 6.4 mm (Oblong), 4 nos.
X-Pitch	1098 mm ± 1 mm
Y-Pitch	1190 mm ± 1 mm
Grounding Hole	Ø 7 mm
Weight of Module	25.3 kg

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



JTS 500 · Illustrative image

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