

ganga

120 Watt
Monocrystalline Silicon



10 10-years product warranty

BIS 14286 Certified



Module Efficiency
Upto 19.12%



33
Half Cell



Weather
Resistant



Excellent Outdoor
Power Generation

TECHNICAL DATASHEET

TECHNICAL DATA FOR SMF33HM10-120WP MODULE

ELECTRICAL CHARACTERISTICS AT STC

MODULE TYPE	SMF33HM10-120
Maximum Power at STC - (Pmax)(Wp)	120
Voltage at Pmax (Vmp)(V)	19,45
Current at Pmax (Imp)(A)	6,17
Open Circuit Voltage (Voc)	22,21
Short Circuit Current (Isc)(A)	6,51
Module Efficiency (%)	19,12
Maximum System Voltage (V)	1000

Standard Test Conditions (STC): Irradiance: 1000 W/m², AM 1.5 and cell temperature of 25°C

GUARANTEES AND CERTIFICATIONS

Product warranty**	10 years
Performance guarantee**	Limited warranty for power output ~ 90% for 10 years, and 80% for 25 years
Product Certified	IS-14286, IS-61730:1, IS - 61730:2

**applicable only when module installation done as per Solex's installation manual

MECHANICAL CHARACTERISTICS

Module Size (L x W x H) (mm)	1073 x 585 x 30
Mounting Hole (Y-axis) (mm)	600
Mounting Hole (X-axis) (mm)	547
Solar Cell Matrix	11 x 3

SPECIFICATION	DETAILS
Solar Cell Type	Monocrystalline Silicon (PERC) - 10 BB
Solar Cell Size	91 x 182 mm
Front Cover	3,2 mm, High Transmission, Tempered Glass
Encapsulate	Ethylene Vinyl Acetate
Frame Material	Silver Anodized Aluminium Alloy
Connector	As per Customer Requirement (Optional)
Cable	As per Customer Requirement (Optional)
Standard Packing (Modules per Box)	5 in 1 Box (Corrugated Box)

