

The future of smart energy

LS's PV system offers advanced technology and over 30 years of experience. They ensure reliability and quality.

Monocrystalline PV module PVM SH400A6

Reliable strength

LS has been providing reliable products with high durability and quality for over 30 years.

Increased power tolerance

Within the boundaries of the rated power tolerance from 0 $^{\rm \sim}{\rm +5W}.$

Guarantee

12 years warranty for the product in the event of a mechanical defect.

10 years at 90.7% warranty.

25 years for 80.2% warranty.

Effectiveness in relation to the world scale

Installed over hundreds of MW per year around the world.

Certification

LS Power Testing & Technology Institute recognized as a research and certification laboratory of KEMA, IEC, CE, CB and CISI. The PV module obtained the TUV, Jet and Fr.





Derwent Top 100 Global Innovato 2020

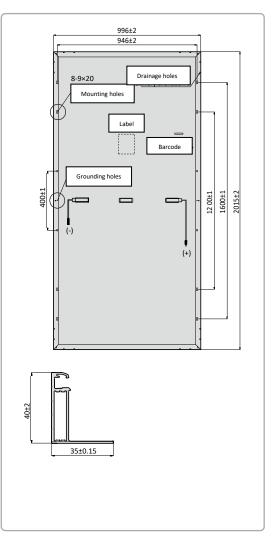


Monocrystalline PV module PVM SH400A6

Specification

Description		PVM SH400A6
Mechanical data		
Cell type		Monocrystalline
Cell dimensions (mm)		158.75×158.75
Number of cells per module		144
Number of rails (ea)		9
Dimensions (L x W x T mm)		2,015×996×40
		23
Weight (kg)		3
Number of Bypass diodes		IP68
Junction box IP		Compatible MC4
Connector type		Plus(+) 270, Minus(-) 100
Cable Length (mm)		5,400
Electrical data		
Nominal power (W)		400
Power tolerance (%)		0~+5
Module efficiency (%)		19.90
Open circuit voltage (V)		48.60
Short circuit current (A)		10.5
Voltage in MPP (V)		40.45
Current in MPP (A)		9.9
Max nominal fuse current (A)		20
Reverse current limitation (A)		20
Temperature coefficient	lsc (%/°C)	+0.05
	Voc (%/°C)	-0.29
	Pmax (%/°C)	-0.37
Max system voltage (VDC)		1,500
Certification and warranty		
Certificate		TÜV Rheinland
Product warranty		12 years
Performance guaranteed		10/90.7 (yr/%) 25/80.2% (yr/%)

Dimensions (mm)



ANIRO

X