

Derwent
Top 100
Global
Innovator
2020



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 ~+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.

The future of smart energy

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

LS ELECTRIC

35 LAT
ANIRO

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	
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	Isc (%/°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)

