

# ESPSA(BK)

## Monocrystalline Solar Module-Black

1580 x 808 x 35 mm

chamber frame on

glass 3.2 mm

FEVE / PET / FEVE

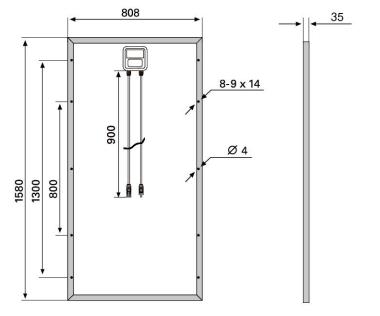
Temperature -40°C ... +85°C

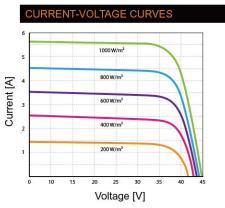
Load Capacity 2400 Pa(IEC 61215),35mm 5400 Pa (IEC 61215),45mn

Coefficient Vo

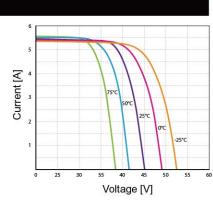
-0.36%/°K -0.43%/°K

CE CEC SALT-MIST **UL1703 CSA** 





Module characteristics at constant module temperatures (25°C) and different levels of irradiance.



Module characteristics at different module temperatures and constant module irradiance (1.000 W/m²).

ESPSA TYPE	190	200	
Power Class	190W	200W	
Max. Power Voltage (V <sub>mpp</sub> )* at STC**	36.2V	36.7V	
Max. Power Current (I <sub>mpp</sub> ) at STC	5.25A	5.45A	
Open Circuit Voltage (V <sub>oc</sub> ) at STC	44.8V	45.4V	
Short Circuit Current (I <sub>sc</sub> ) at STC	5.6A	5.8A	
Module Efficiency	14.9 %	15.7 %	

- MPP: Maximum Power Point
- \*\* STC (Standard Test Conditions): 1000W/m², 25°C, AM 1.5
- \*\*\* Normal Operating Cell Temperature























WATTS

POSITIVE

**TOLERANCE** 



**YEARS** 

PRODUCT

WARRANTY

YEARS

PERFORMANCE

**GUARANTEE 90%** 



PERFORMANCE

**GUARANTEE 80%** 

**YEARS**