

# 405W PERC Halfcell

## ESPVM 390-405W/BP

### Introduction

The half cell combines PERC double-sided battery technology and double glass module structure, which can absorb energy from the front and absorb reflected light and scattered light from the back. The power generation capacity is better, the efficiency is higher and more stable.



Efficiency up 3%-15%



Aluminum frame protection



Low radiation



Temperature Coefficient

- IEC 61215, IEC 61730
- ISO 9001: 2015
- ISO 14001: 2015
- OHSAS 18001
- TUV Certificate

MONO



# STC下的电性参数

Model	JT72D09-390/BP	JT72D09-395/BP	JT72D09-400/BP	JT72D09-405/BP
Maximum power [W]	390	395	400	405
Open circuit [V]	48.7	48.9	49.1	49.4
Short circuit [A]	9.95	10.03	10.10	10.15
Maximum power [V]	41.2	41.4	41.6	41.9
Maximum power [A]	9.47	9.55	9.62	9.67
Maximum power [%]	19.32	19.56	19.81	20.06
Maximum power	0,+4.99			
Maximum system voltage	100VDC/1500VDC			
Fuse maximum current	20A			
Fuse maximum current	Radiation 1000W/m <sup>2</sup> , battery temperature 25°C, spectrum AM1.5G			

# Temperature characteristics

<b>Maximum power temperature coefficient</b>	-0.38 %/°C
<b>Open circuit voltage temperature coefficient</b>	-0.28 %/°C
<b>Short-circuit current temperature coefficient</b>	+0.05 %/°C
<b>Operating temperature</b>	-40 ~ +85 °C
<b>Normal working cell temperature</b>	45±2°C

# Mechanical specifications

<b>External dimensions</b>	2015 x 1002 x 40 mm
<b>Weight</b>	23.0KG
<b>Cell</b>	Mono 158.75 x 79.375 mm(144片)
<b>Glass</b>	3.2mm anti-reflection film tempered glass, low iron
<b>Frame</b>	Anodized aluminum
<b>Junction Box</b>	IP68, 3 diodes
<b>Out put Line</b>	4.0mm <sup>2</sup> , portrait:255mm(+)/355mm(-);landscape:1200mm
<b>Connector</b>	MC4 Compatible
<b>Mechanical load</b>	5400 Pa

# Package

Size	2015 x 1002 x 40 mm		
Container	20' GP	40' GP	20' HQ
Pieces/Pallet	27	27	27+2
Pallets/Container	10	22	22
Pieces/Container	270	594	638

*27+2pieces per pallet is the special package which only suits for container transport .*