

SPECIFICA

44.Pow7421-33

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

TYPE

Rated Maximum Power(Pmax) [W]

Open Circuit Voltage(Voc) [V]

Maximum Power Voltage(Vmp) [V]

Short Circuit Current(Isc) [A]

Maximum Power Current(Imp) [A]

Module Efficiency [%]

Power Tolerance

0~+5W

Temperature Coefficient of Isc(α_{Isc})

+0.058%/ °C

Temperature Coefficient of Voc(β_{Voc})

-0.330%/ °C

Temperature Coefficient of Pmax(γ_{Pmp})

-0.400%/ °C

STC

Irradiance 1000W/m², cell temperature 25 °C, AM1.5G

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

ELECTRICAL PARAMETERS AT NOCT

OPERATING CONDITIONS

TYPE	JAP72S09 -325/SC/1000V	JAP72S09 -330/SC/1000V	JAP72S09 -335/SC/1000V	JAP72S09 -340/SC/1000V	JAP72S09 -345/SC/1000V	Maximum System Voltage	1000V DC(IEC)
Rated Max Power(Pmax) [W]	240	244	248	252	256	Operating Temperature	-40 ~ +85
Open Circuit Voltage(Voc) [V]	43.38	43.57	43.77	43.96	44.16	Maximum Series Fuse	20A
Max Power Voltage(Vmp) [V]	35.17	35.38	35.59	35.81	36.03	Maximum Static Load,Front*	3600Pa, 1.5
Short Circuit Current(Isc) [A]	7.33	7.40	7.47	7.55	7.62	Maximum Static Load,Back*	1600Pa, 1.5
Max Power Current(Imp) [A]	6.82	6.90	6.97	7.04	7.11	NOCT	45±2
NOCT	Irradiance 800W/m ² , ambient temperature 20 °C, wind speed 1m/s, AM1.5G					Application Class	Class A

CHARACTERISTICS