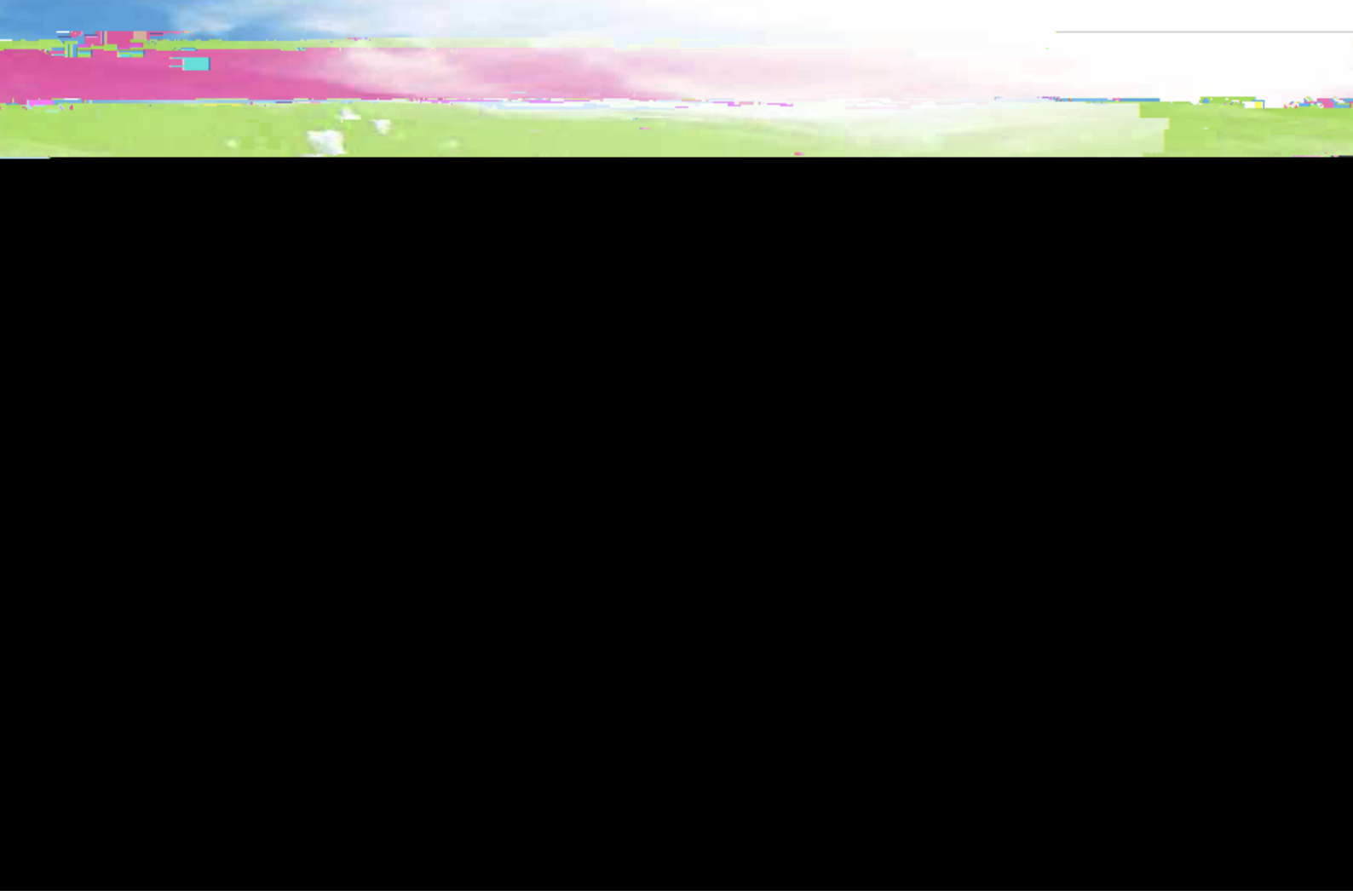

JA SOLAR

JAM60S10 325-345/PR/1500V Series

MECHANICAL DIAGRAMS

SPECIFICATIONS

Cell	Mono
Weight	18.7kg±3%
Dimensions	1689±2mm×996±2mm×35±1mm
Cable Cross Section Size	4mm²
No. of cells	120(6×20)

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

TYPE	JAM60S10 -325/PR/1500V	JAM60S10 -330/PR/1500V	JAM60S10 -335/PR/1500V	JAM60S10 -340/PR/1500V	JAM60S10 -345/PR/1500V
Rated Maximum Power(Pmax) [W]	325	330	335	340	345
Open Circuit Voltage(Voc) [V]	40.56	40.84	41.12	41.36	41.61
Maximum Power Voltage(Vmp) [V]	33.87	34.13	34.36	34.63	34.90
Short Circuit Current(Isc) [A]	10.23	10.30	10.38	10.46	10.53
Maximum Power Current(Imp) [A]	9.60	9.67	9.75	9.82	9.89
Module Efficiency [%]	19.3	19.6	19.9	20.2	20.5
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α_Isc)	+0.051%/				
Temperature Coefficient of Voc(β_Voc)	-0.289%/				
Temperature Coefficient of Pmax(γ_Pmp)	-0.350%/				
STC	Irradiance 1000W/m², cell temperature 25 , 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

TYPE	JAM60S10 -325/PR/1500V	JAM60S10 -330/PR/1500V	JAM60S10 -335/PR/1500V	JAM60S10 -340/PR/1500V	JAM60S10 -345/PR/1500V
Rated Max Power(Pmax) [W]	241	244	248	252	255
Open Circuit Voltage(Voc) [V]	37.38	37.65	37.93	38.18	38.43
Max Power Voltage(Vmp) [V]	33.54	33.82	34.10	34.38	34.59
Short Circuit Current(Isc) [A]	8.20	8.25	8.30	8.36	8.41
Max Power Current(Imp) [A]	7.17	7.22	7.27	7.32	7.38
NOCT	Irradiance 800W/m², ambient temperature 20 , wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

Maximum System Voltage	1500V DC(IEC)
Operating Temperature	-40 ~+85
Maximum Series Fuse	20A
Maximum Static Load,Front	3600Pa, 1.5
Maximum Static Load,Back	1600Pa, 1.5
NOCT	45±2
Application Class	Class A

CHARACTERISTICS