

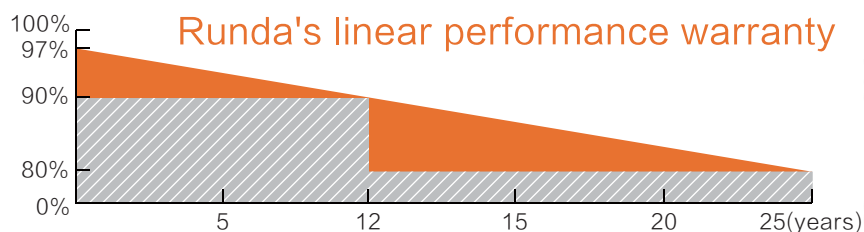
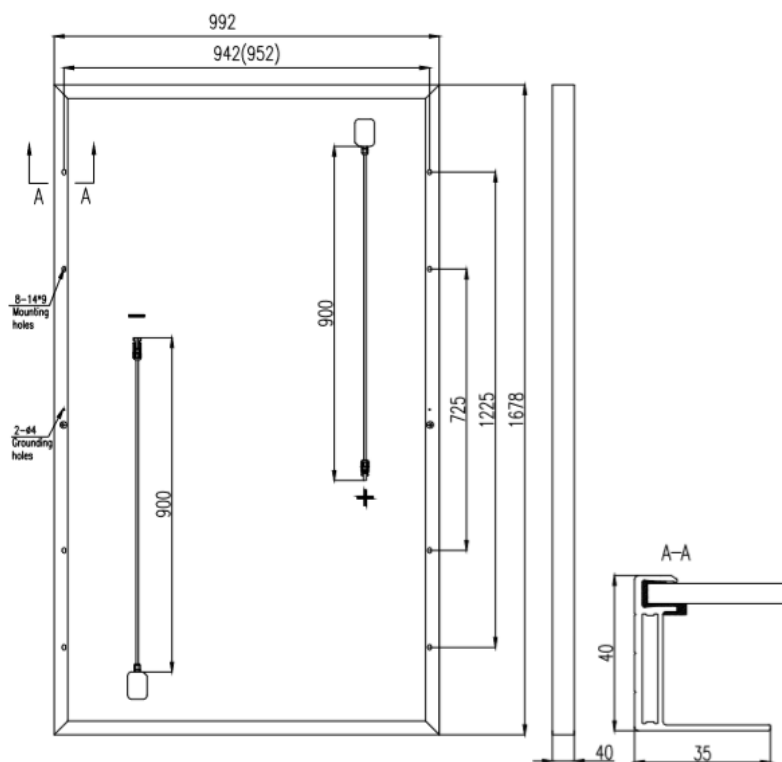
RS320S-120

- RS300S-120
- RS305S-120
- RS310S-120
- RS315S-120

QIPV
Runda Solar

Jiangsu Runda PV Co.,Ltd.

SEMI SERIES



10 Years
Material & Craft
Quality
assurance

12 Years
90% output
Power
guarantee

25 Years
80% output
Power
guarantee



ISO9001:BSI
ISO14001:BSI
OHSAS18001:BSI



High Module Efficiency



Mechanical Load
Capability up to 8000 Pa



Salt Mist Corrosion Protect
Ammonia Resistance



Potential Induced
Degradation Free

Jiangsu Runda PV Co.,Ltd.

Tel: +86-0510-83801000

Fax: +86-0510-83802000

Web: www.rundapv.com

E-mail: sales@rundapv.com

Add: Yanxiang Road 108, Ehu Town, Xishan District, Wuxi City, Jiangsu Province, P.R.China

QIPV
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- RS300S-120
- RS305S-120
- RS310S-120
- RS315S-120

SEMI SERIES

Electrical Characteristics

TYPE	RS300S-120	RS305S-120	RS310S-120	RS315S-120	RS320S-120
POWER OUTPUT	300	305	310	315	320
STC 1000W/M ² Module Temperature 25°C A.M.1.5					
MAX POWER TOLERANCE	0-5W	0-5W	0-5W	0-5W	0-5W
MODULE EFFICIENCY (%)	18.3	18.6	18.9	19.2	19.5
VOLTAGE MPP V _{mpp}	32.54	32.76	32.91	33.23	33.44
CURRENT MPP I _{mp} (A)	9.22	9.31	9.42	9.48	9.57
VOLTAGE OPEN CIRCUIT V _{oc}	40.24	40.55	40.81	41.13	41.47
SHORT CIRCUIT CURRENT I _{sc} (A)	9.61	9.70	9.81	9.88	9.96
NOCT 800W/M ² Environment Temperature 20°C A.M.1.5					
POWER OUTPUT	227.07	230.85	234.64	238.42	242.21
VOLTAGE MPP V _{mpp} (V)	29.15	29.35	29.48	29.77	29.96
CURRENT MPP I _{mp} (A)	7.79	7.87	7.96	8.01	8.09
VOLTAGE OPEN CIRCUIT V _{oc} (V)	36.75	37.03	37.27	37.56	37.87
SHORT CIRCUIT CURRENT I _{sc} (A)	8.18	8.25	8.35	8.41	8.48
TEMPERATURE COEFFICIENTS I _{sc} (% / °C)	0.051				
TEMPERATURE COEFFICIENTS V _{oc} (% / °C)	-0.304				
TEMPERATURE COEFFICIENTS P _{mpp} (% / °C)	-0.39				
NOCT (°C)	47±2°C				

Mechanical Data

DIMENSIONS OF MODULE	1678*992*40mm
WEIGHT(Kg)	18.5
CABLE	TUV Certified 4mm ²
GLASS	High transmission glass 3.2mm
JUNCTION BOX	3 Bypass-Diode
TYPE OF CONNECTOR	Compatible with MC 4 plug

Packaging Configuration

1678*992*40mm 312 pcs/20GP 728pcs/40HC

Contact Information

Working Conditions

MAX SYSTEM VOLTAGE (VDC)	1500V /1000V
REVERSE CURRENT	25A
MECHANICAL LOAD	≤8000Pa
OPERATING TEMPERATURE (°C)	-40~+85
APPLICATION CLASS	A

I-V CURVES

