

For a Free Quote:

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Solar Panel Guide Specification Data Sheet

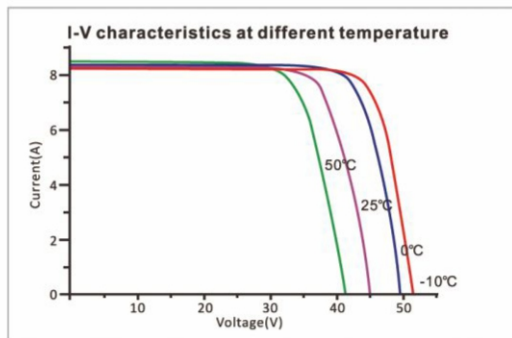
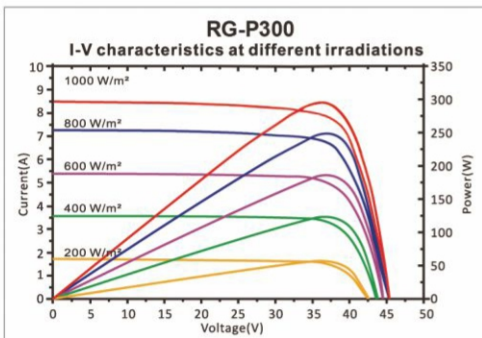
Shanghai Raggienergy Co.,Ltd

RG-P5-320

RG-P100

Also available on the web at
EnergyPal.com/shanghai-raggienergy-co-ltd-solar-panels/rg-p100

HIGH-EFFICIENCY POLYCRYSTALLINE SOLAR PV MODULES



APPLICATIONS:

- Off-grid power for cabins, vacation homes, RVs, campers, remote monitoring systems, and remote villages
- Solar water pumping and solar-powered refrigerators
- Remote WiFi and wireless repeaters

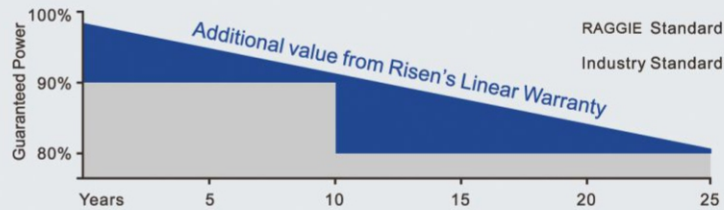
FEATURES:

- Junction Box is IP 65 rated enclosure (complete protection against environmental particles and a good level of protection against water projected by a nozzle)
- Raggie modules offer 3 year workmanship/**25 year** performance warranty
- Manufactured in accordance to **ISO9001** standards and features



LINEAR PERFORMANCE WARRANTY

12 year Product Warranty / 25 year Linear Power Warranty



ELECTRICAL CHARACTERISTICS:

| Model | Maximum Power at STC (P _{max}) | Power Tolerance(%) | Open Circuit Voltage(V _{oc}) | Maximum power Voltage(V _{mp}) | Short Circuit Current(I _{sc}) | Maximum Power Current(I _{mp}) | Solar cell Efficiency | Dimensions (mm) |
|---------|--|--------------------|--|---|---|---|-----------------------|-----------------|
| RG-P5 | 5W | ±3 | 10.8V | 9V | 0.62A | 0.57A | 17.5% | 305X187X17 |
| RG-P10 | 10W | ±3 | 21.5V | 17.5V | 0.65A | 0.58A | 17.5% | 350X260X20 |
| RG-P20 | 20W | ±3 | 21.5V | 17.5V | 1.31A | 1.15A | 17.5% | 520X360X20 |
| RG-P30 | 30W | ±3 | 21.5V | 17.5V | 1.97A | 1.71A | 17.5% | 700X360X20 |
| RG-P40 | 40W | ±3 | 21.5V | 17.5V | 2.63A | 2.28A | 17.5% | 670X460X30 |
| RG-P50 | 50W | ±3 | 21.5V | 17.5V | 3.28A | 2.86A | 17.5% | 700X540X30 |
| RG-P60 | 60W | ±3 | 21.5V | 17.5V | 3.94A | 3.43A | 17.5% | 830X540X30 |
| RG-P80 | 80W | ±3 | 21.5V | 17.5V | 5.25A | 4.57A | 17.5% | 1010X540X30 |
| RG-P100 | 100W | ±3 | 21.5V | 17.5V | 6.57A | 5.72A | 18.3% | 1030X670X30 |
| RG-P120 | 120W | ±3 | 21.5V | 17.5V | 7.88A | 6.86A | 17.6% | 1230X670X30 |
| RG-P150 | 150W | ±3 | 21.5V | 17.5V | 9.85A | 8.58A | 17.6% | 1470X670X35 |
| RG-P165 | 165W | ±3 | 21.5V | 17.5V | 10.84A | 9.43A | 19.4% | 1470X670X35 |
| RG-P200 | 200W | ±3 | 21.5V | 17.5V | 13.14A | 11.43A | 18.3% | 1332X992X35 |
| RG-P250 | 250W | ±3 | 36.2V | 30V | 9.58A | 8.34A | 17.6% | 1640X992X35 |
| RG-P265 | 265W | ±3 | 36.2V | 30V | 10.15A | 8.83A | 18.7% | 1640X992X35 |
| RG-P270 | 270W | ±3 | 36.2V | 30V | 10.35A | 9A | 19% | 1640X992X35 |
| RG-P300 | 300W | ±3 | 42V | 36V | 9.58A | 8.34A | 17.6% | 1950X992X40 |
| RG-P320 | 320W | ±3 | 42V | 36V | 10.22A | 8.89A | 18.8% | 1950X992X40 |
| RG-P330 | 330W | ±3 | 42V | 36V | 10.55A | 9.17A | 19.4% | 1950X992X40 |