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Solar Panel Guide Specification Data Sheet

**Guangzhou ESG New Energy Technology Co., Ltd.
ESG5036 mono
45W**

Also available on the web at

EnergyPal.com/guangzhou-esg-new-energy-technology-co-ltd-solar-panels/45w



GUANG ZHOU ESG NEW ENERGY TECHNOLOGY CO, LTD.

|   | Module | ESG5036 Mono | | ESG4036 Poly | |
|---|--------------------------|---|-------|-------------------------|-------|
| | Pmax | 50W | 45W | 45W | 40W |
| | Size and Number of cells | 125mm*62.5mm 36 Pcs/4*9 | | 125mm*62.5mm 36 Pcs/4*9 | |
| | Tolerance | ±3% | | ±3% | |
| | Vmp | 17.3V | | 17.28V | |
| | Imp | 2.90A | 2.61A | 2.61A | 2.32A |
| | Voc | 21.6V | | 21.6V | |
| | Isc | 3.18 | 2.87A | 2.87A | 2.55A |
| | Max.syst.Oper.voltage | 1000V | | | |
| | Dioders | 1 by-pass | | | |
| | Dimension | 630mm*540mm*30mm | | | |
| | Weight | 3.8Kg | | | |
| | Operate Temp.scope | -40/+85℃ | | | |
| | Relative humidity | 0 to 100% | | | |
| | Resistances | 227g steel ball fall down from 1m height and 60m/s wind | | | |
| | Warranty | Pm is not less than 90% in 10 years and 80% in 25 years | | | |

www.esg100.com