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Solar Panel Guide Specification Data Sheet

**Rekoser
RPS30M~360M
RPS120M**

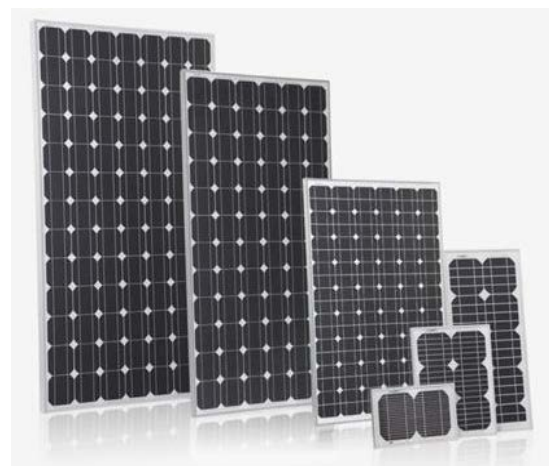
Also available on the web at
EnergyPal.com/rekoser-solar-panels/rps120m

Monocrystalline Solar Panels

RSP-M series offer solar photovoltaic panels from monocrystalline cells.

Features:

- Power Tolerance (0-3%) to ensure the high reliability of power output.
- Modules certified by TUV to withstand high level of wind loads (2400Pa) and snow loads (5400pa)
- Special PV module insurances by world leading insurance company guarantee the benefit of PV investors and PV module users.
- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect".



Warranty:

10 Years Manufacturing warranty.

12 years warranty 90% power output.

25 years warranty 80% power output.

We offer bespoke panel design and manufacturing service: any size, voltage, requirements can be meet.

Applications:

- Home and office appliances
- Solar energy

SPECIFICATIONS

| Model | Maximum power(Wp) | Open Circuit Voltage (Voc) | Short Circuit Current(Isc) | Maximum Voltage (Vmp) | Maximun Power Current(Imp) | Size LxMxH (mm) | Number of cells | Array |
|---------|-------------------|----------------------------|----------------------------|-----------------------|----------------------------|-----------------|-----------------|-------|
| RPS30M | 30 | 21.6 | 1.77 | 18.0 | 1.67 | 541x430x25 | 36 | 4x9 |
| RPS40M | 40 | 21.6 | 2.32 | 18.0 | 2.22 | 541x510x25 | 36 | 4x9 |
| RPS50M | 50 | 21.6 | 2.98 | 18.0 | 2.78 | 670x530x30 | 36 | 4x9 |
| RPS60M | 60 | 21.6 | 3.52 | 18.0 | 3.33 | 780x541x30 | 36 | 4x9 |
| RPS70M | 70 | 21.6 | 4.09 | 18.0 | 3.89 | 770x670x30 | 36 | 4x9 |
| RPS80M | 80 | 21.6 | 4.64 | 18.0 | 4.44 | 910x670x30 | 36 | 4x9 |
| RPS90M | 90 | 21.6 | 5.20 | 18.0 | 5.00 | 1195x541x30 | 36 | 4x9 |
| RPS100M | 100 | 21.6 | 5.76 | 18.0 | 5.56 | 1195x541x30 | 36 | 4x9 |
| RPS110M | 110 | 21.6 | 6.31 | 18.0 | 6.11 | 1120x670x30 | 36 | 4x9 |
| RPS120M | 120 | 21.6 | 6.87 | 18.0 | 6.67 | 1195x670x30 | 36 | 4x9 |
| RPS130M | 130 | 21.6 | 7.42 | 18.0 | 7.22 | 1280x670x30 | 36 | 4x9 |
| RPS140M | 140 | 21.6 | 7.96 | 18.0 | 7.76 | 1480x670x35 | 36 | 4x9 |
| RPS150M | 150 | 21.6 | 8.53 | 18.0 | 8.33 | 1480x670x35 | 36 | 4x9 |
| RPS160M | 160 | 43.2 | 4.64 | 36.0 | 6.67 | 1480x670x35 | 36 | 4x9 |
| RPS170M | 170 | 28.8 | 7.68 | 24.0 | 7.08 | 1580x808x35 | 72 | 6x12 |
| RPS180M | 180 | 28.8 | 8.10 | 24.0 | 7.50 | 1580x808x35 | 72 | 6x12 |
| RPS190M | 190 | 28.8 | 8.52 | 24.0 | 7.92 | 1580x808x35 | 72 | 6x12 |
| RPS200M | 200 | 28.8 | 8.93 | 24.0 | 8.33 | 1580x808x35 | 72 | 6x12 |
| RPS210M | 210 | 32.4 | 8.38 | 27.0 | 7.78 | 1320x990x35 | 48 | 8x6 |
| RPS220M | 220 | 32.4 | 8.75 | 27.0 | 8.15 | 1480x990x35 | 54 | 9x6 |
| RPS230M | 230 | 32.4 | 9.12 | 27.0 | 8.52 | 1480x990x35 | 54 | 9x6 |
| RPS240M | 240 | 36.0 | 8.60 | 30.0 | 8.00 | 1650x990x40 | 60 | 6x10 |
| RPS250M | 250 | 36.0 | 8.98 | 30.2 | 8.28 | 1650x990x40 | 60 | 6x10 |
| RPS260M | 260 | 43.2 | 7.92 | 36.0 | 7.22 | 1950x990x40 | 72 | 6x12 |
| RPS270M | 270 | 43.2 | 8.20 | 36.0 | 7.50 | 1950x990x40 | 72 | 6x12 |
| RPS280M | 280 | 43.2 | 8.48 | 36.0 | 7.78 | 1950x990x40 | 72 | 6x12 |
| RPS290M | 290 | 43.2 | 8.76 | 36.0 | 8.06 | 1950x990x40 | 72 | 6x12 |
| RPS300M | 300 | 43.2 | 9.13 | 36.0 | 8.33 | 1950x990x40 | 72 | 6x12 |
| RPS310M | 310 | 45.4 | 8.99 | 35.8 | 8.68 | 1950x990x40 | 72 | 6x12 |
| RPS320M | 320 | 46.6 | 9.10 | 35.8 | 8.92 | 1950x990x40 | 72 | 6x12 |
| RPS360M | 360 | 43.8 | 11 | 36.5 | 9.9 | 1950x990x40 | 72 | 6x12 |