



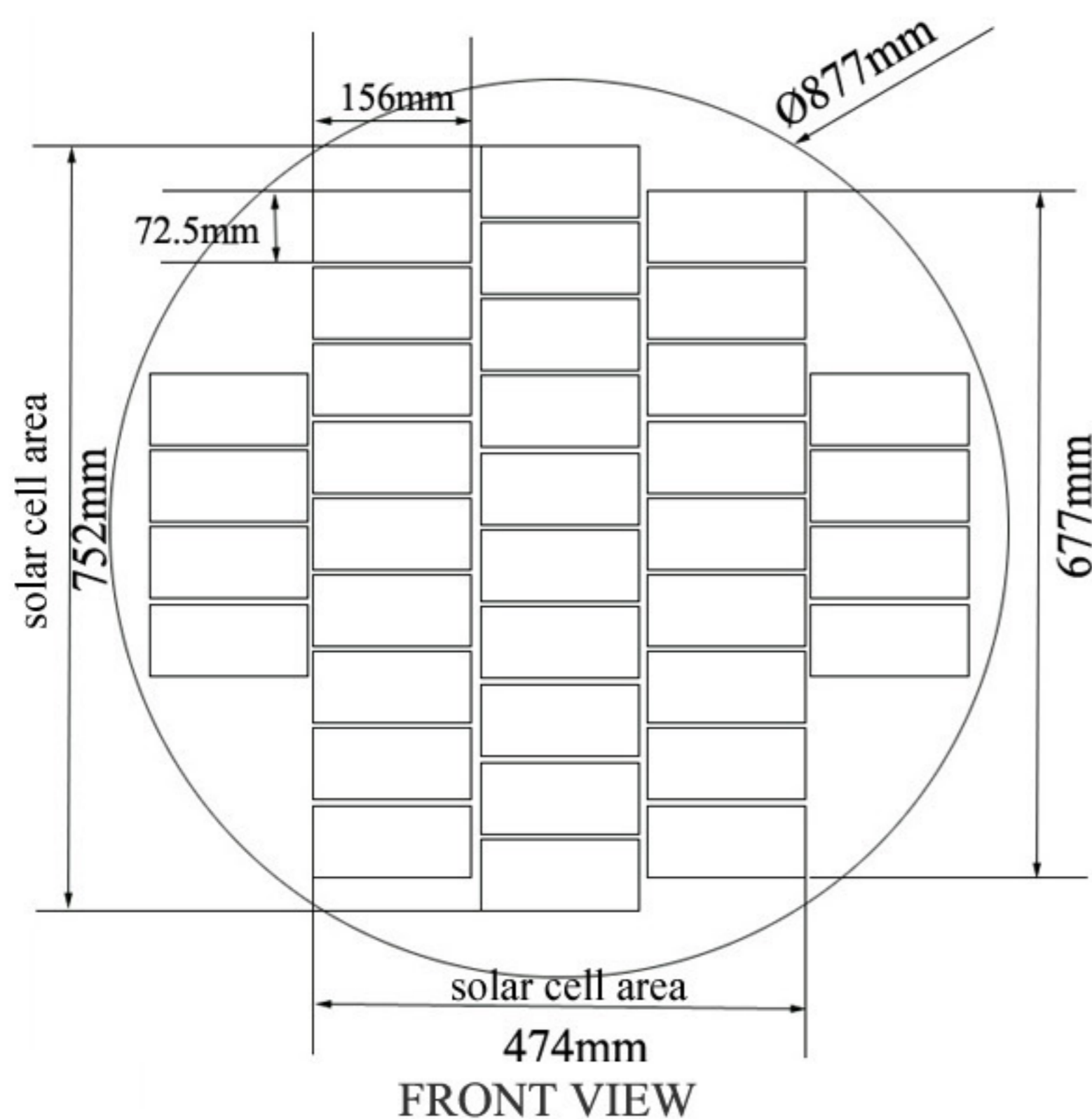
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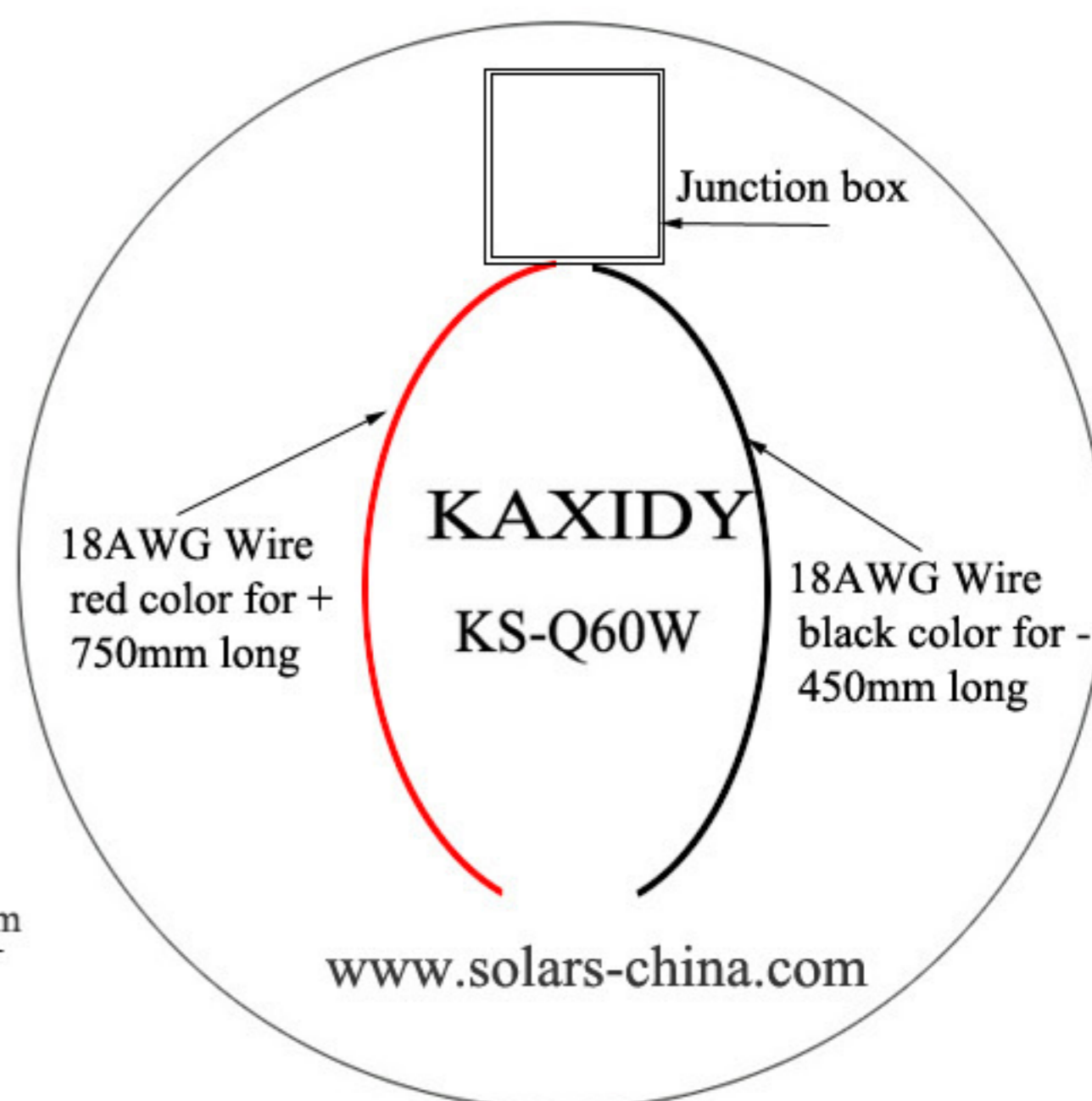
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KaXiDy

60W CIRCULAR SOLAR PANEL

SIDE VIEW



BACK VIEW

ELECTRICAL CHARACTERISTICS

| | |
|---|------------------------------------|
| Power | 60W |
| Operating Voltage | 18V |
| Operating Current | 3.33A |
| Type of solar cell | Monocrystalline Silicon Solar Cell |
| Power Tolerance | $\pm 5\%$ |
| STC: Irradiance $1000\text{W}/\text{m}^2$, Module temperature: 25°C , AM=1.5 | |

TEMPERATURE COEFFICIENTS

| | |
|---|-------------------------------------|
| Nominal Operating Cell Temperature (NOCT): $45^\circ\text{C} \pm 2^\circ\text{C}$ | |
| Temp. Coefficient of I_{sc} | $(0.045 \pm 0.01)\%/^\circ\text{C}$ |
| Temp. Coefficient of V_{oc} | $-(0.34 \pm 0.01)\%/^\circ\text{C}$ |
| Temp. Coefficient of Power | $-(0.47 \pm 0.05)\%/^\circ\text{C}$ |

TESTED OPERATING CONDITIONS

| | |
|------------------|---|
| Max load | 50psf $245\text{kg}/\text{m}^2$ (2400)pascals |
| Hailstone impact | 25mm(1inch) at 23m/s(52mph) |
| Temperature | -40°C to $+85^\circ\text{C}$ |

MECHANICAL SPECIFICATIONS

| | |
|--|--|
| Dimensions | $\text{Ø}877\text{mm}$, Thickness: 4.5mm |
| Encapsulation | Glass/EVA/Cells/EVA/TPT |
| Front Glass | Tempered Glass, thickness: 3.2mm |
| Frame | Without frame, Solder wire, 750mm long |
| Efficiency | $\geq 16\%$ |
| Dimension Tolerance $\pm 0.2\text{mm}$ | |

FIGURE OF STRUCTURE**WARRANTIES**

Power output more than 90% for 10years
Power output more than 80% for 20years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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