



YL120C-18b

YL125C-18b

YL130C-18b

YL135C-18b

YL140C-18b



Warranty

5-year repair and workmanship warranty

12-year warranty at 90% power output

25-year warranty at 80% power output

Typical Electrical

Models	YL120C-18b	YL125C-18b	YL130C-18b	YL135C-18b	YL140C-18b
Power Tolerance (%)	±3	±3	±3	±3	±3
Max. Power (Pmax) (W)	120	125	130	135	140
Optimum Operating	17.82	18.03	18.36	18.50	18.79
Optimum Operating	6.73	6.93	7.08	7.29	7.45
Open-circuit Voltage	21.78	21.96	22.75	22.86	23.07
Short-circuit Current	7.55	7.69	7.52	7.67	7.78
Cells efficiency (%)	17.0	17.4	18.3	18.6	19.4

Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m², Am 1.5, Cell Temperature 25°C

Mechanical Characteristics

Solar cell (mm) Mono 156×133

No.of Cell and Connections 36 (4×9)

Dimension (L×W×H) (mm) 1265×664×25

Weight (kg) 9.5 (approx.)

Junction Box / Cable (mm) IP65 / 900

Connector MC4 Compatible

Packaging Configuration 2pcs/cnt

Load Capacity 1150/ 40'GP

Working Conditions

Maximum System Voltage DC 1000V (IEC)

Temperature cycling range -40°C ~ +85°C

NOTC 47°C

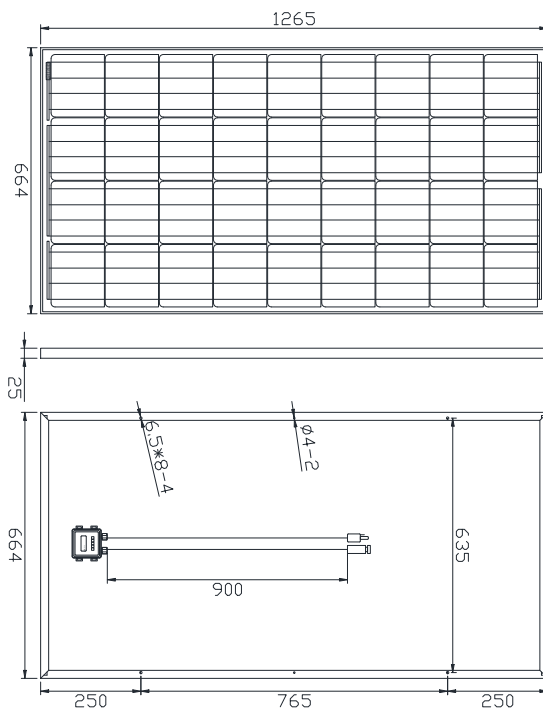
Maximum Series Fuse 15 A

Application Class Class A

Temperature coefficients of Isc (+0.06%/°C)

Temperature coefficients of Voc (-0.35%/°C)

Temperature coefficients of Pmax (-0.4%/°C)



فروشگاه اروین سولار

تلفن: ۰۲۱ - ۳۳۹۹۹۰۵۶
همت بلند ۰۲۱ - ۳۳۹۹۹۰۷۲

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