



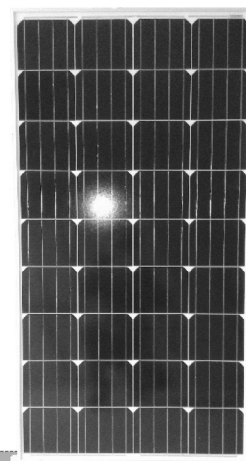
YL120C-18b

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/ent
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)

