



YL120C-18b

YL125C-18b

YL130C-18b

YL135C-18b

YL140C-18b



-40℃ ~+85℃

47℃

15 A

Class A

(+0.06%/℃)

(-0.35%/℃)

(-0.4%/℃)

Warranty

5-year repair and workmanship warranty 12-year warranty at 90% power output

25-year warranty at 80% power output

Typical Electrical					
Models		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

Temperature cycling range

Temperature coefficients of Isc

Temperature coefficients of Voc

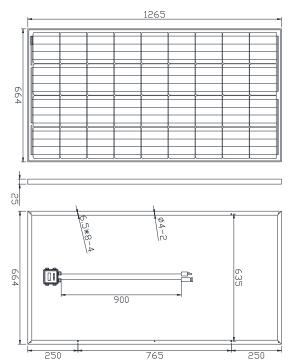
Temperature coefficients of Pmax

Maximum Series Fuse

Application Class

NOTC

Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/ m^2 , Am 1.5, Cell Temperature 25 $^{\circ}$ 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)			