



YL150C-18b

YL155C-18b

YL160C-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	YL150C-18b	YL155C-18b	YL160C-18b
Power Tolerance (%)	±3	±3	±3
Max. Power (Pmax) (W)	150	155	160
Optimum Operating Voltage (Vmp/V)	18.18	18.50	18.79
Optimum Operating Current (Imp/A)	8.25	8.38	8.51
Open-circuit Voltage (Voc/V)	22.64	22.97	23.07
Short-circuit Current (Isc/A)	8.83	8.87	8.89
Cells efficiency (%)	18.0	18.7	19.4

Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m<sup>2</sup>, Am 1.5, Cell Temperature 25°C

### Mechanical Characteristics

Solar cell (mm)	Mono 156×156
No.of Cell and Connections	36 (4×9)
Dimension (L×W×H) (mm)	1488×664×25
Weight (kg)	11.5 (approx)
Junction Box / Cable (mm)	IP65 / 900
Connector	MC4 Compatible
Packaging Configuration	2pcs/ent
Load Capacity	1000pcs/ 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)

