



Small Solar Poly Panel – Off Grid Module

This document contains TDS for the following products:

5 W	80 W
10 W	85 W
15 W	90 W
20 W	95 W
25 W	100 W
30 W	105 W
35 W	110 W
40 W	115 W
45 W	120 W
50 W	125 W
55 W	130 W
60 W	135 W
65 W	140 W
70 W	145 W
75 W	150 W



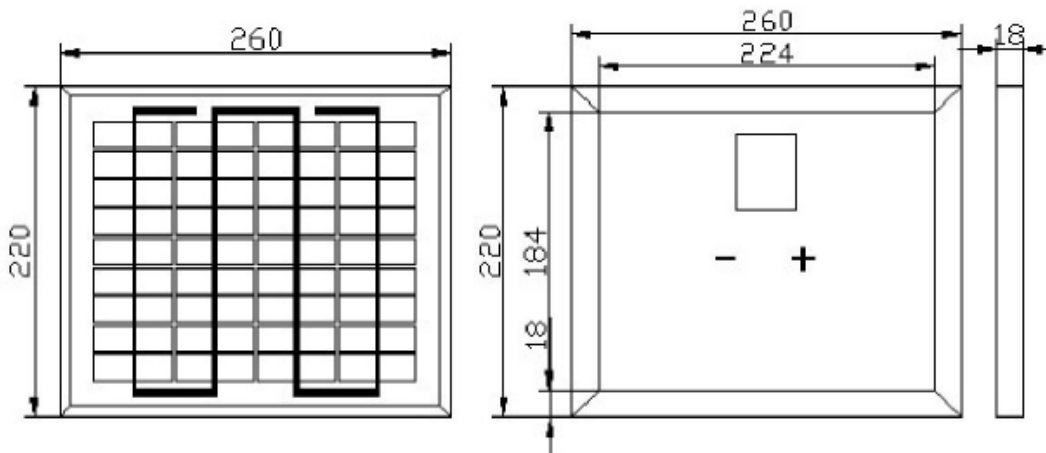
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 52 x 17.33 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	260 x 220 x 18 mm
Weight	0.8 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SLSTU-18P

Maximum Power (Pmax)	5 W
Power Tolerance	0 ~ +3%
Module Efficiency	8.74%
Maximum Power Current (Imp)	0.27A
Maximum Power Voltage (Vmp)	18.36 V
Short Circuit Current (Isc)	0.29 A
Open Circuit Voltage (Voc)	22.00 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





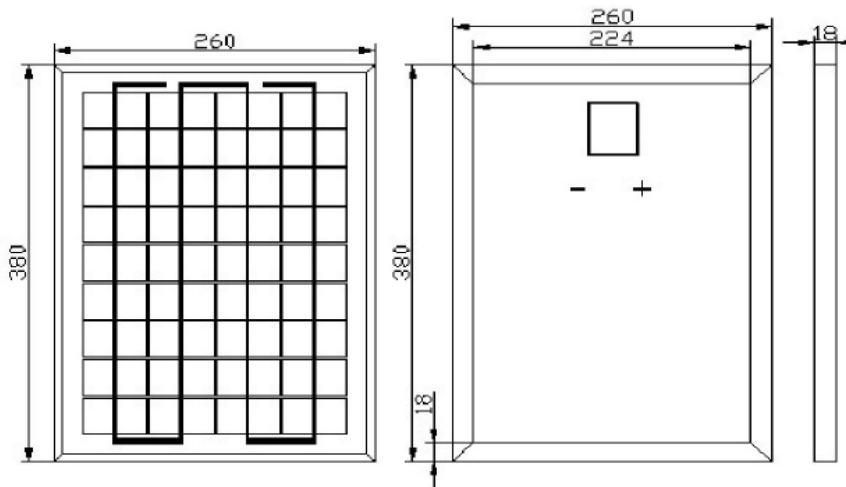
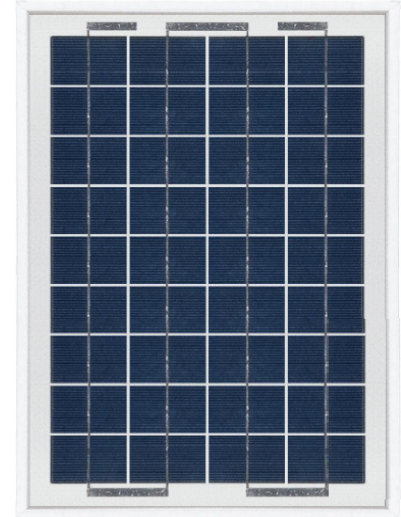
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 52 x 34.66 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	260 x 380 x 18 mm
Weight	1.3 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL10TU-18P

Maximum Power (Pmax)	10 W
Power Tolerance	0 ~ +3%
Module Efficiency	10.12%
Maximum Power Current (Imp)	0.54A
Maximum Power Voltage (Vmp)	18.36 V
Short Circuit Current (Isc)	0.59 A
Open Circuit Voltage (Voc)	22.00 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





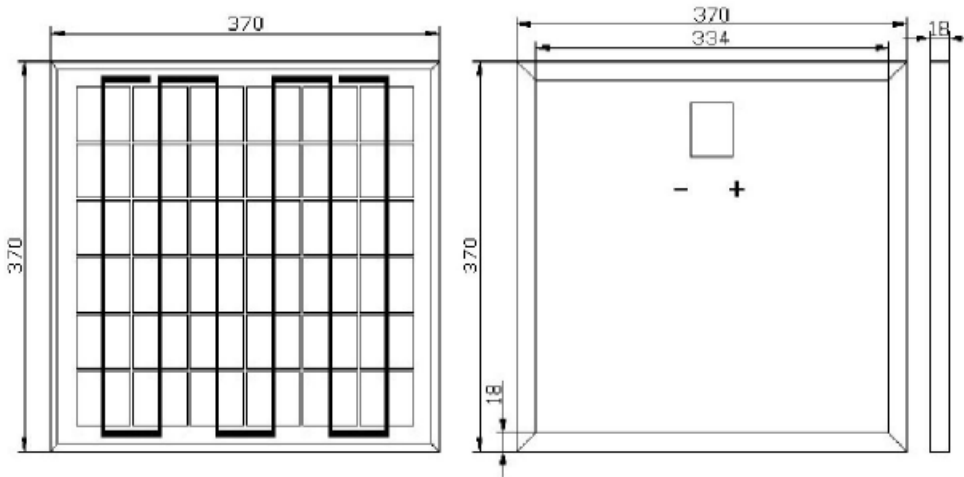
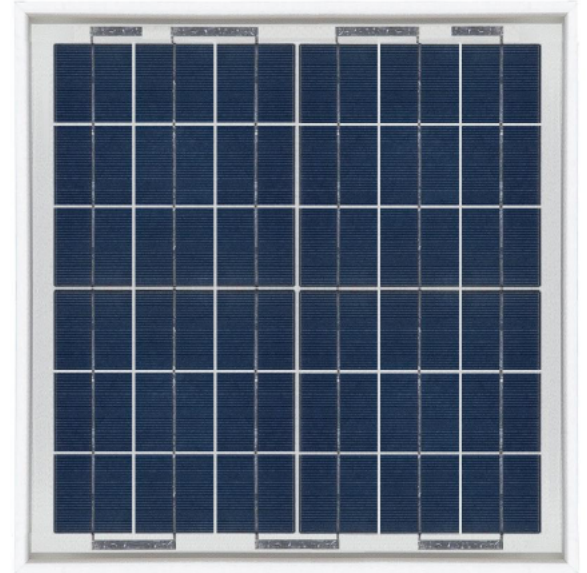
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 52 x 52 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	370 x 370 x 18 mm
Weight	1.9 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL15TU-18P

Maximum Power (Pmax)	15 W
Power Tolerance	0 ~ +3%
Module Efficiency	10.96%
Maximum Power Current (Imp)	0.82 A
Maximum Power Voltage (Vmp)	18.36 V
Short Circuit Current (Isc)	0.87 A
Open Circuit Voltage (Voc)	22.00 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





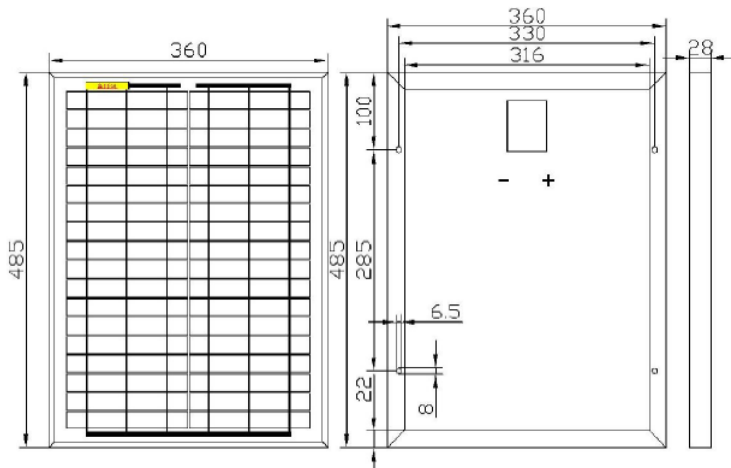
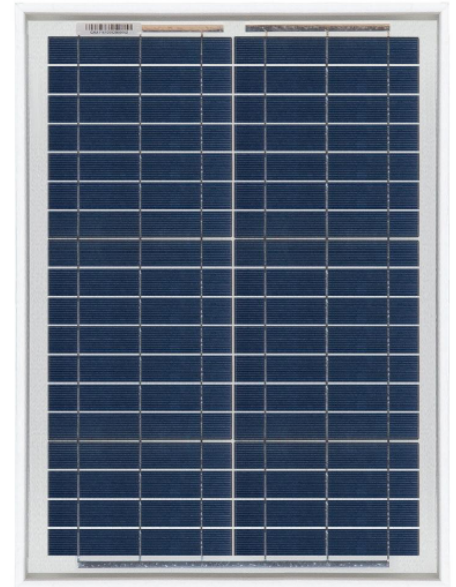
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 22.3 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	485 x 360 x 28 mm
Weight	2.3 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL20TU-18P

Maximum Power (Pmax)	20 W
Power Tolerance	0 ~ +3%
Module Efficiency	11.45%
Maximum Power Current (Imp)	1.08 A
Maximum Power Voltage (Vmp)	18.50 V
Short Circuit Current (Isc)	1.16 A
Open Circuit Voltage (Voc)	22.14 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





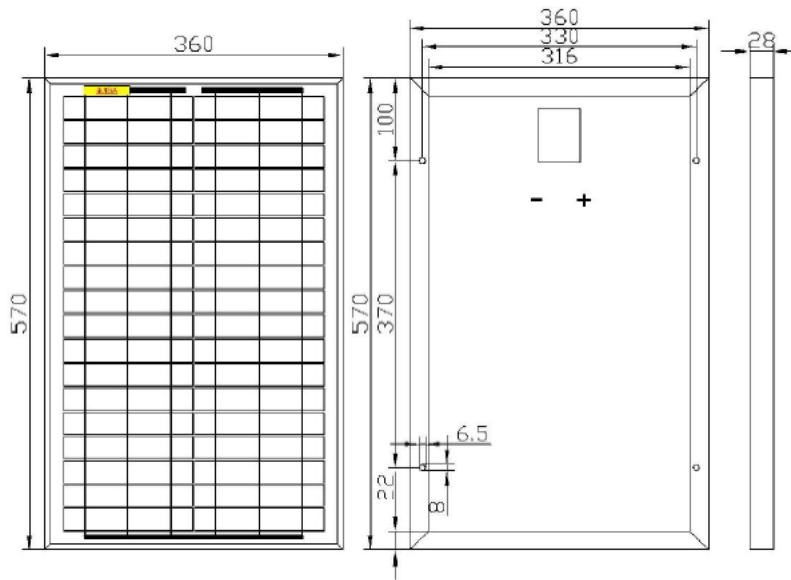
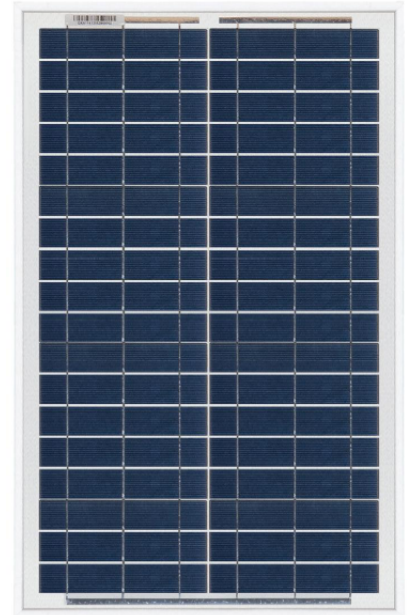
Easy Installation and Handling for Various Applications



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ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 27 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	570 x 360 x 28 mm
Weight	2.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL25TU-18P

Maximum Power (Pmax)	25 W
Power Tolerance	0 ~ +3%
Module Efficiency	12.18 %
Maximum Power Current (Imp)	1.33 A
Maximum Power Voltage (Vmp)	18.83 V
Short Circuit Current (Isc)	1.42 A
Open Circuit Voltage (Voc)	22.46V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





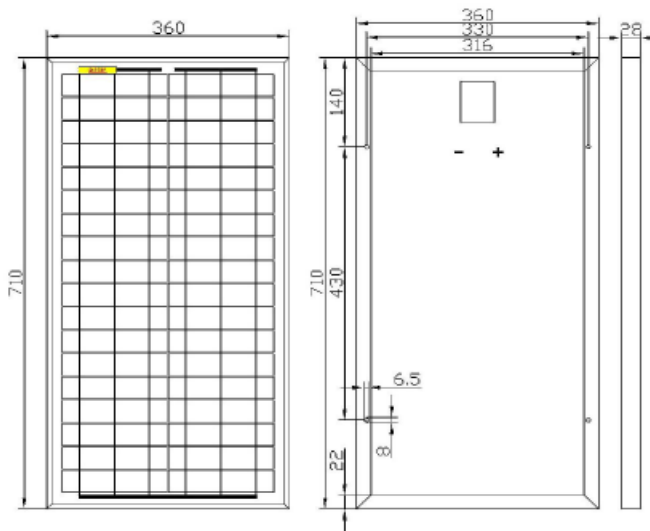
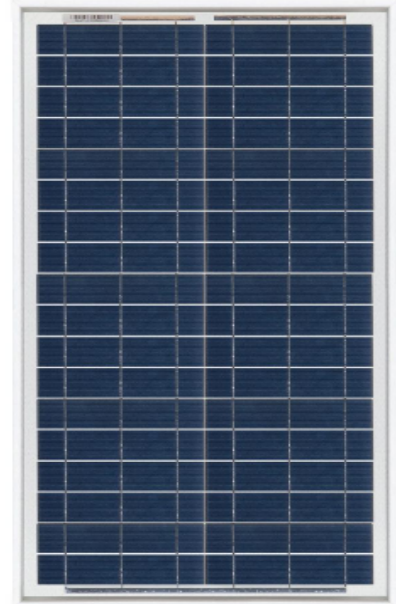
Easy Installation and Handling for Various Applications



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ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 34.66 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	710 x 360 x 28 mm
Weight	3.1 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL30TU-18P

Maximum Power (Pmax)	30 W
Power Tolerance	0 ~ +3%
Module Efficiency	11.82 %
Maximum Power Current (Imp)	1.63 A
Maximum Power Voltage (Vmp)	18.36 V
Short Circuit Current (Isc)	1.75 A
Open Circuit Voltage (Voc)	22.00 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



Off Grid Module

35 W



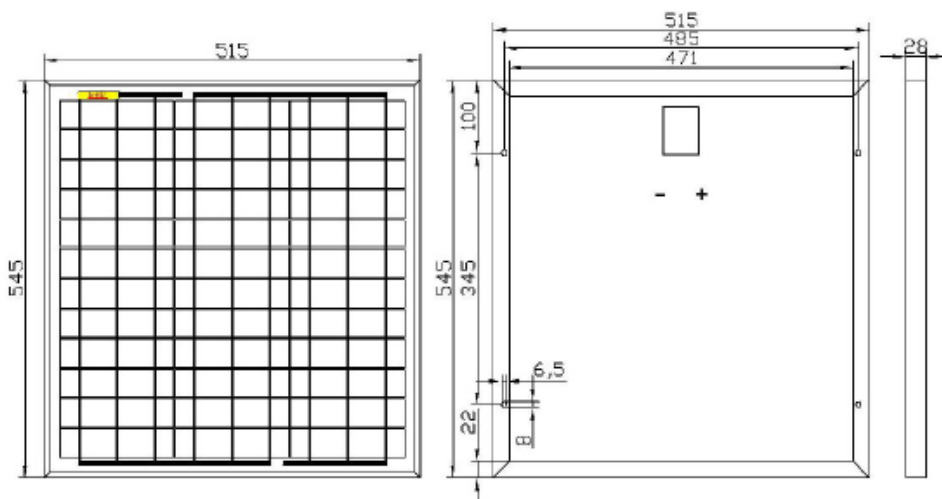
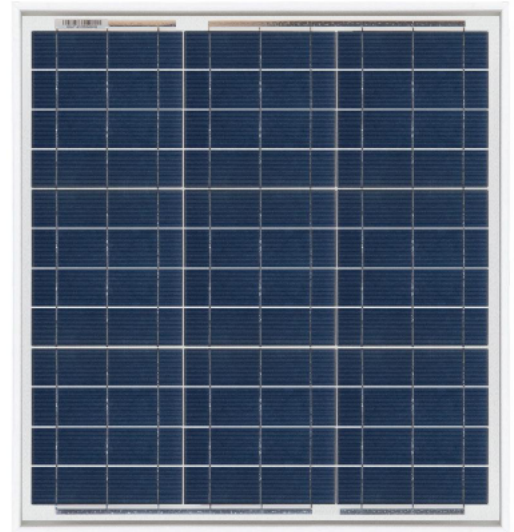
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 39 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	545 x 515 x 28 mm
Weight	3.4 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL35TU-18P

Maximum Power (Pmax)	35 W
Power Tolerance	0 ~ +3%
Module Efficiency	12.47%
Maximum Power Current (Imp)	1.89 A
Maximum Power Voltage (Vmp)	18.50 V
Short Circuit Current (Isc)	2.02 A
Open Circuit Voltage (Voc)	22.14 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



Off Grid Module

40 W



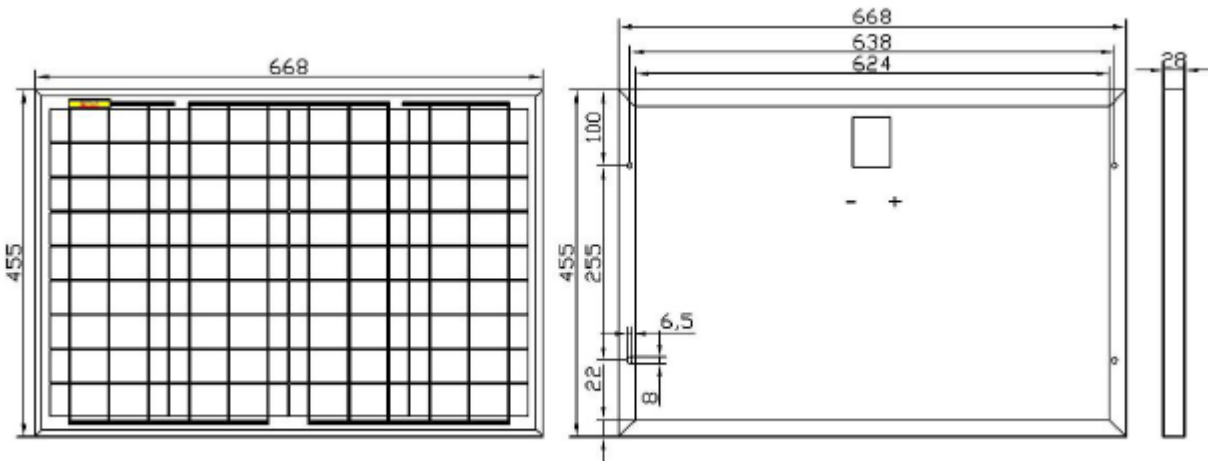
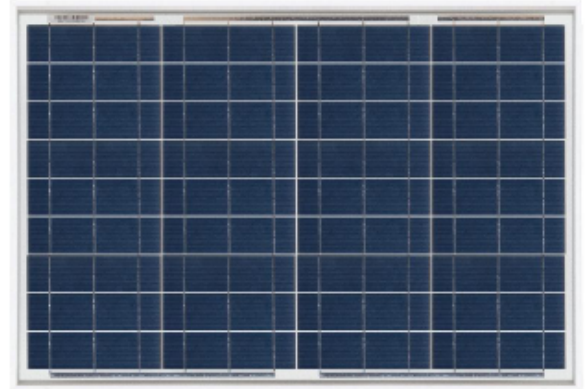
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 43 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	668 x 455 x 28 mm
Weight	3.7 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL40TU-18P

Maximum Power (Pmax)	40 W
Power Tolerance	0 ~ +3%
Module Efficiency	13.16 %
Maximum Power Current (Imp)	2.12 A
Maximum Power Voltage (Vmp)	18.83 V
Short Circuit Current (Isc)	2.27 A
Open Circuit Voltage (Voc)	22.46 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





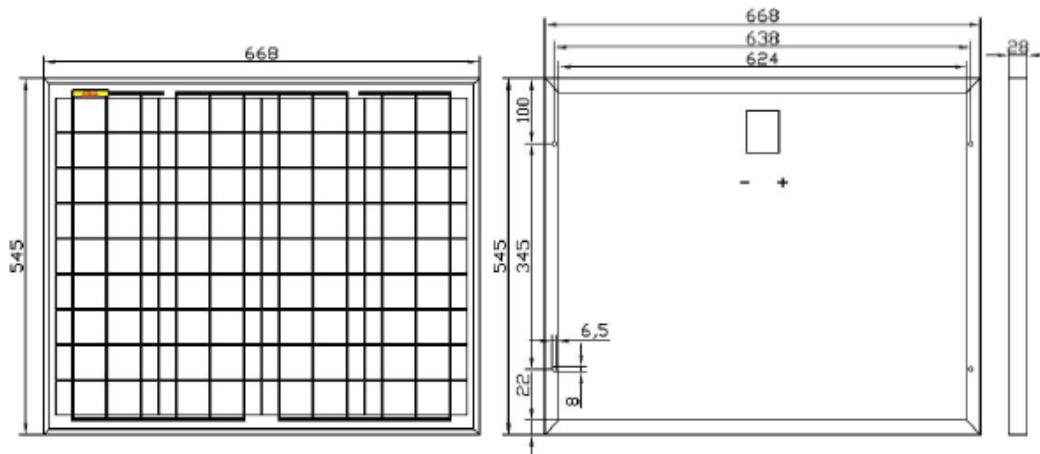
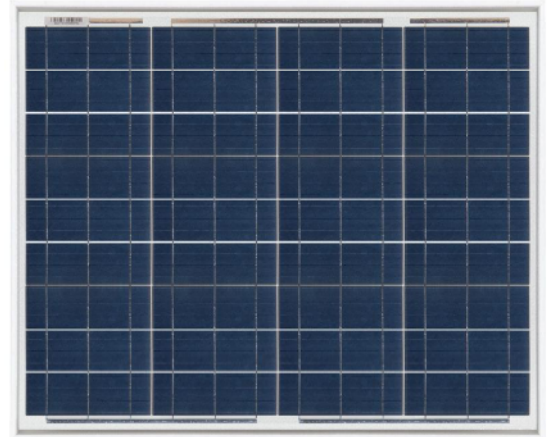
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 52 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	668 x 545 x 28 mm
Weight	4.3 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL45TU-18P

Maximum Power (Pmax)	45W
Power Tolerance	0 ~ +3%
Module Efficiency	12.36 %
Maximum Power Current (Imp)	2.45 A
Maximum Power Voltage (Vmp)	18.36 V
Short Circuit Current (Isc)	2.62 A
Open Circuit Voltage (Voc)	22.00 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





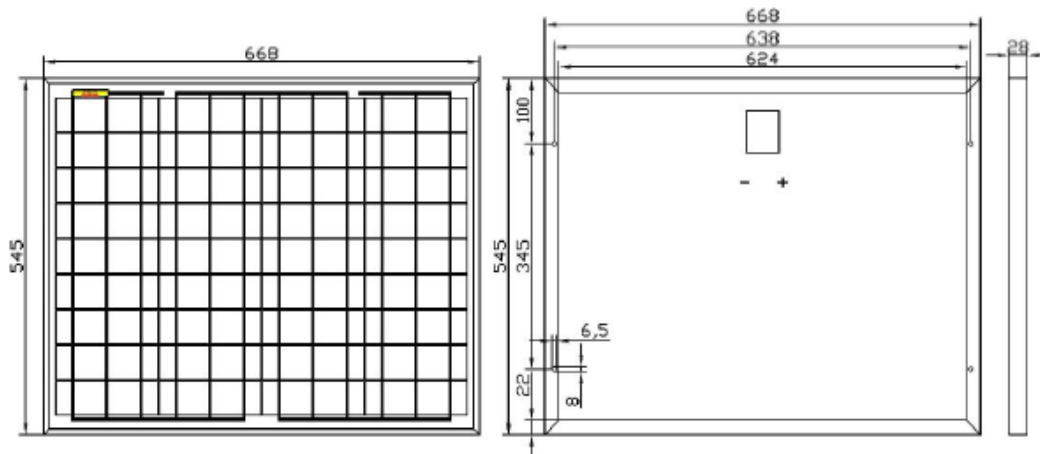
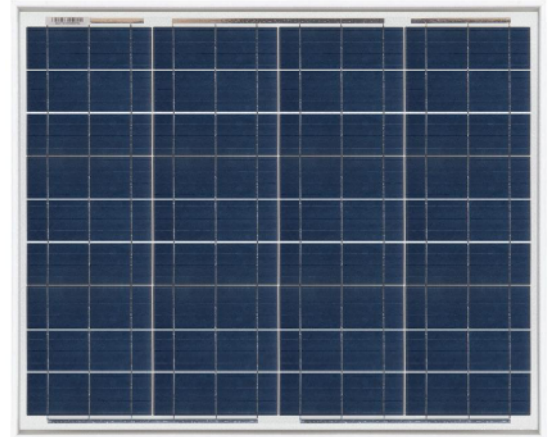
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 52 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Dimensions	668 x 545 x 28 mm
Weight	4.3 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL50TU-18P

Maximum Power (Pmax)	50W
Power Tolerance	0 ~ +3%
Module Efficiency	13.73 %
Maximum Power Current (Imp)	2.62 A
Maximum Power Voltage (Vmp)	19.12 V
Short Circuit Current (Isc)	2.80 A
Open Circuit Voltage (Voc)	22.68 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





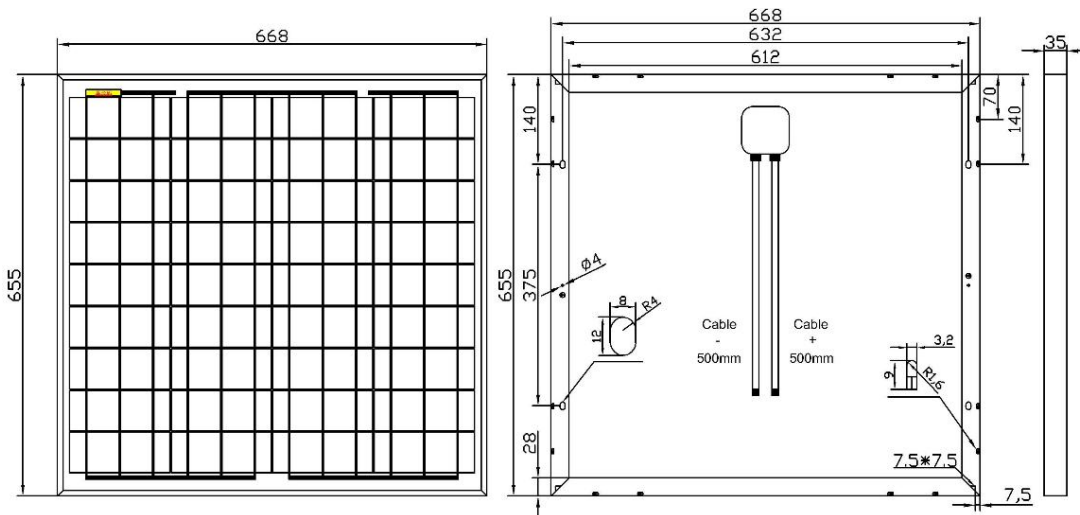
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 63 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	665 x 668 x 35 mm
Output Cable	500 mm
Weight	5.2 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL55TU-18P

Maximum Power (Pmax)	55W
Power Tolerance	0 ~ +3%
Module Efficiency	12.6%
Maximum Power Current (Imp)	3.00 A
Maximum Power Voltage (Vmp)	18.36 V
Short Circuit Current (Isc)	3.21 A
Open Circuit Voltage (Voc)	22.00 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





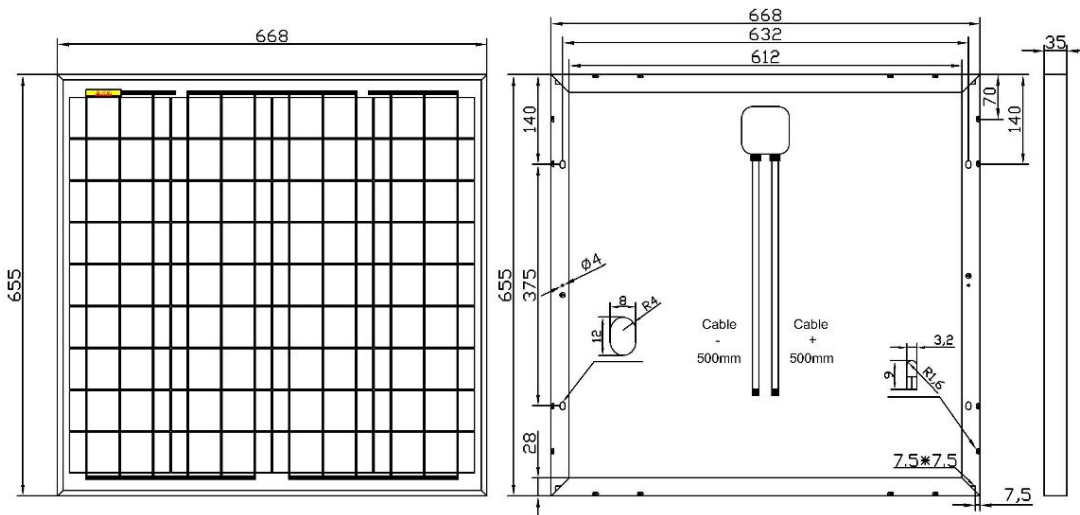
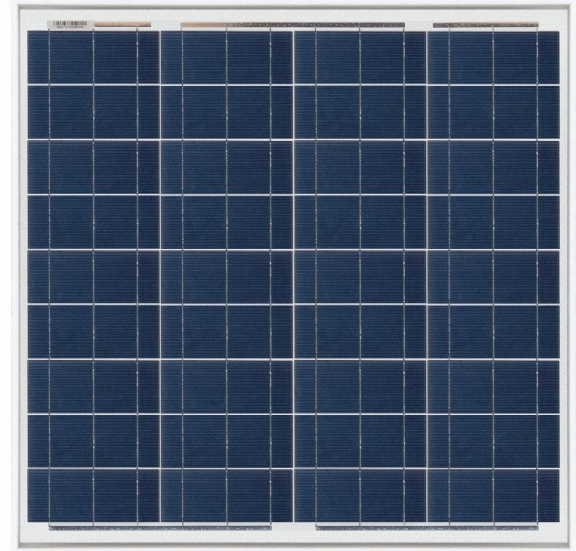
Easy Installation and Handling for Various Applications



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ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 63 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	665 x 668 x 35 mm
Output Cable	500 mm
Weight	5.2 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL60TU-18P

Maximum Power (Pmax)	60W
Power Tolerance	0 ~ +3%
Module Efficiency	13.71%
Maximum Power Current (Imp)	3.16 A
Maximum Power Voltage (Vmp)	19.01 V
Short Circuit Current (Isc)	3.38 A
Open Circuit Voltage (Voc)	22.61 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





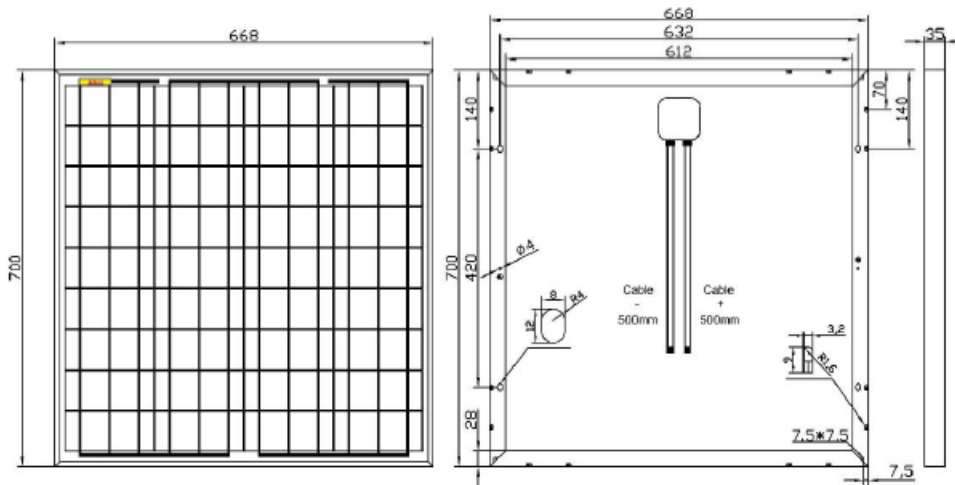
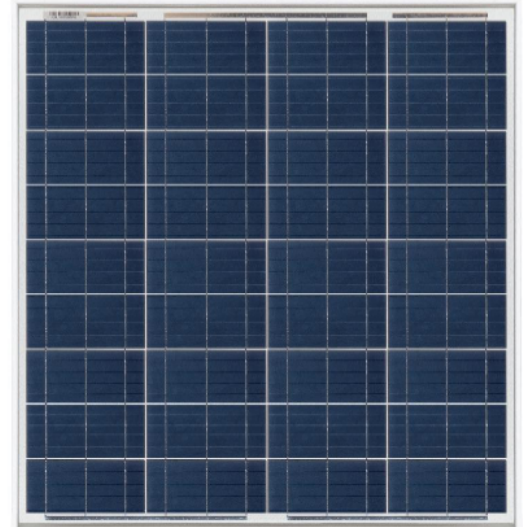
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 70 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	700 x 668 x 35 mm
Output Cable	500 mm
Weight	5.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL65TU-18P

Maximum Power (Pmax)	65W
Power Tolerance	0 ~ +3%
Module Efficiency	13.90%
Maximum Power Current (Imp)	3.45 A
Maximum Power Voltage (Vmp)	18.83 V
Short Circuit Current (Isc)	3.69 A
Open Circuit Voltage (Voc)	22.46 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





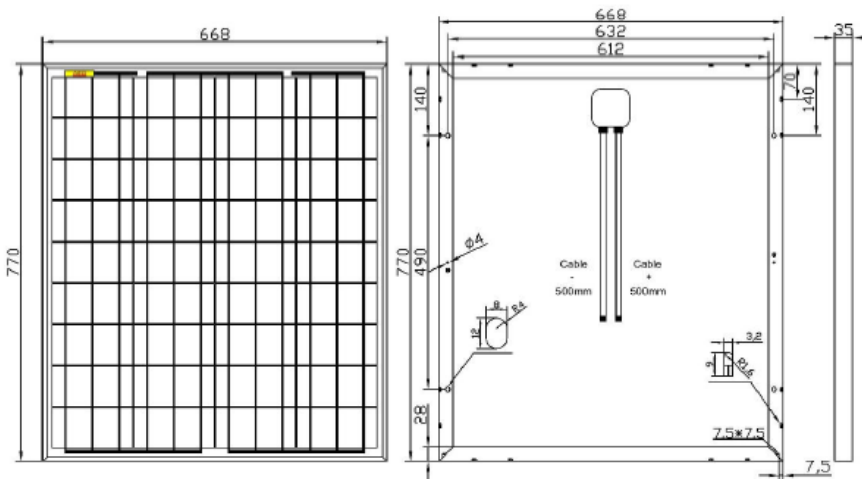
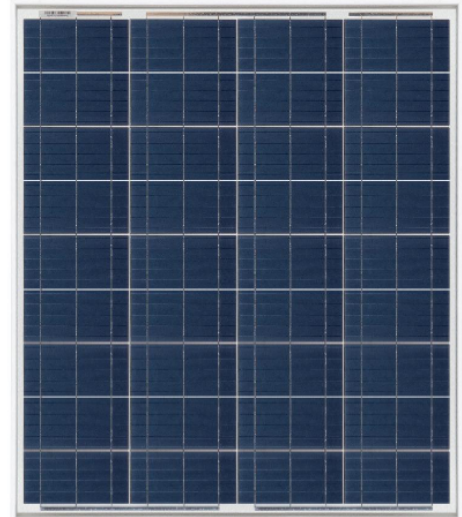
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 78 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	770 x 668 x 35 mm
Output Cable	500 mm
Weight	6.1 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL70TU-18P

Maximum Power (Pmax)	70W
Power Tolerance	0 ~ +3%
Module Efficiency	13.61 %
Maximum Power Current (Imp)	3.78 A
Maximum Power Voltage (Vmp)	18.50 V
Short Circuit Current (Isc)	4.05 A
Open Circuit Voltage (Voc)	21.14 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



Off Grid Module

75 W



easy & quick

Easy Installation and Handling for Various Applications



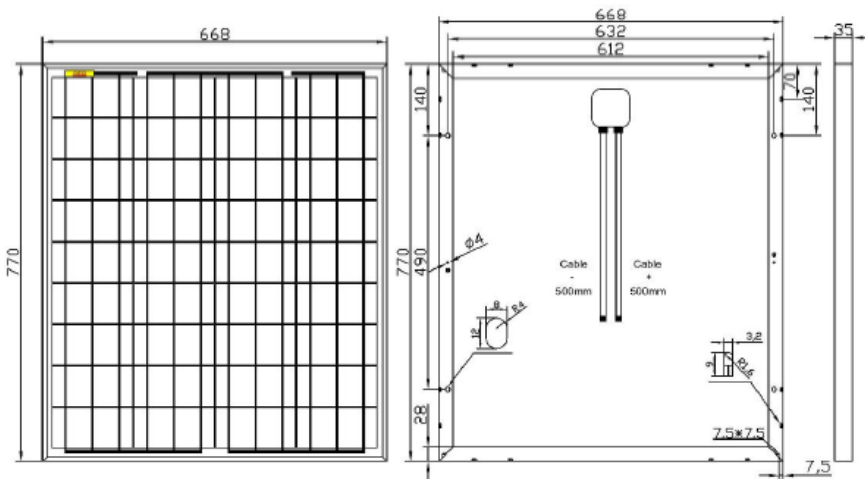
IEC

Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



Certification

ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 78 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	770 x 668 x 35 mm
Output Cable	500 mm
Weight	6.1 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL75TU-18P

Maximum Power (Pmax)	75 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.58 %
Maximum Power Current (Imp)	3.92 A
Maximum Power Voltage (Vmp)	19.12 V
Short Circuit Current (Isc)	4.20 A
Open Circuit Voltage (Voc)	22.68 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





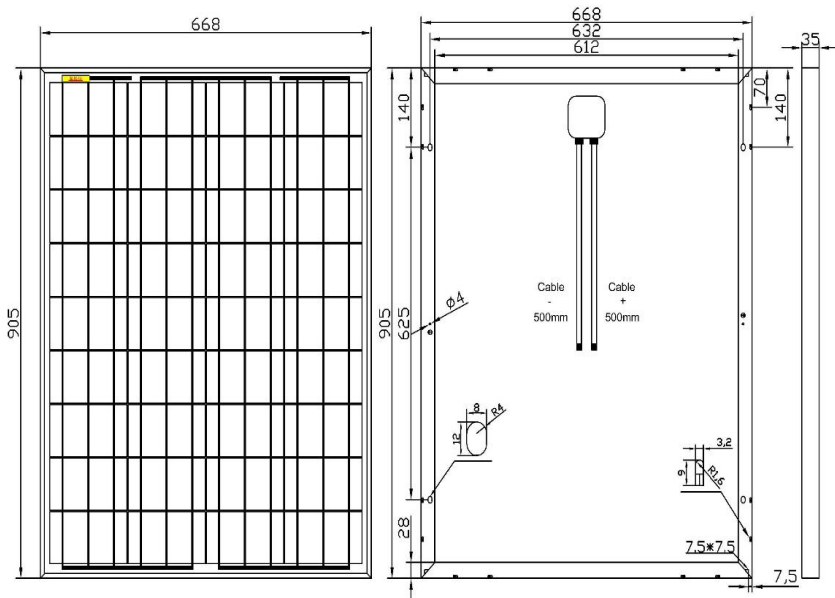
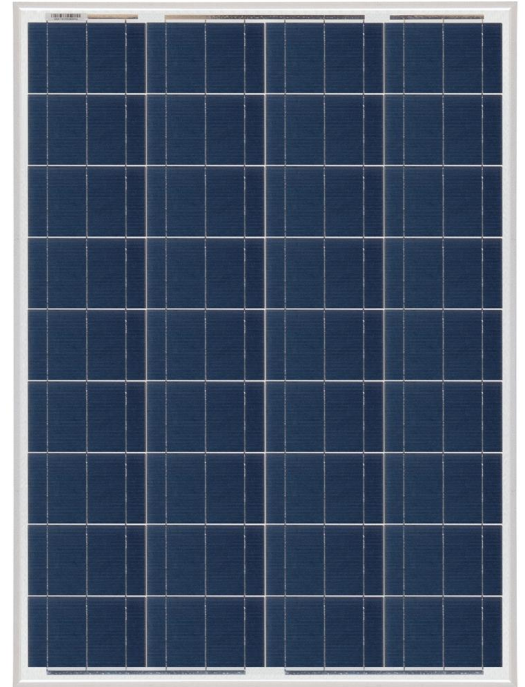
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 93 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	905 x 668 x 35 mm
Output Cable	500 mm
Weight	7.2 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL80TU-18P

Maximum Power (Pmax)	80W
Power Tolerance	0 ~ +3%
Module Efficiency	13.23%
Maximum Power Current (Imp)	4.38 A
Maximum Power Voltage (Vmp)	18.25 V
Short Circuit Current (Isc)	4.69 A
Open Circuit Voltage (Voc)	21.96 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





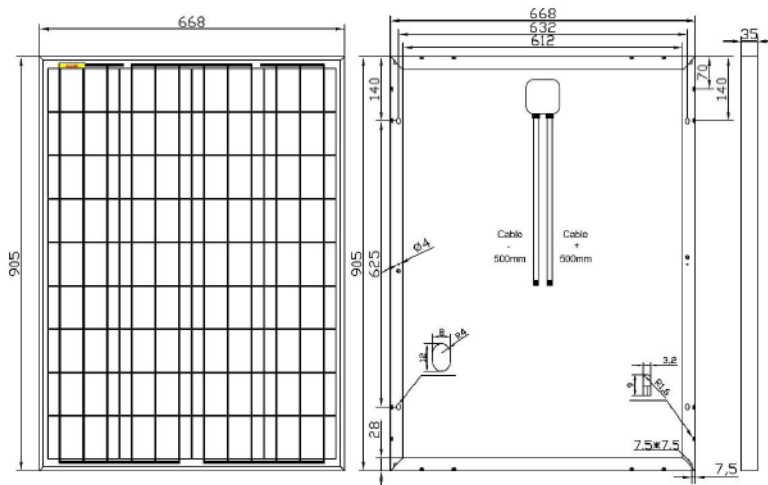
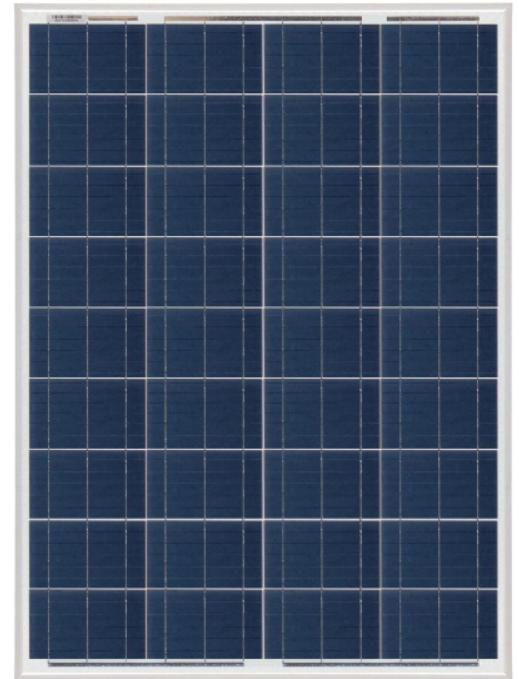
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 93 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	905 x 668 x 35 mm
Output Cable	500 mm
Weight	7.2 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL85TU-18P

Maximum Power (Pmax)	85W
Power Tolerance	0 ~ +3%
Module Efficiency	14.06%
Maximum Power Current (Imp)	4.54 A
Maximum Power Voltage (Vmp)	18.72 V
Short Circuit Current (Isc)	4.86 A
Open Circuit Voltage (Voc)	22.36 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





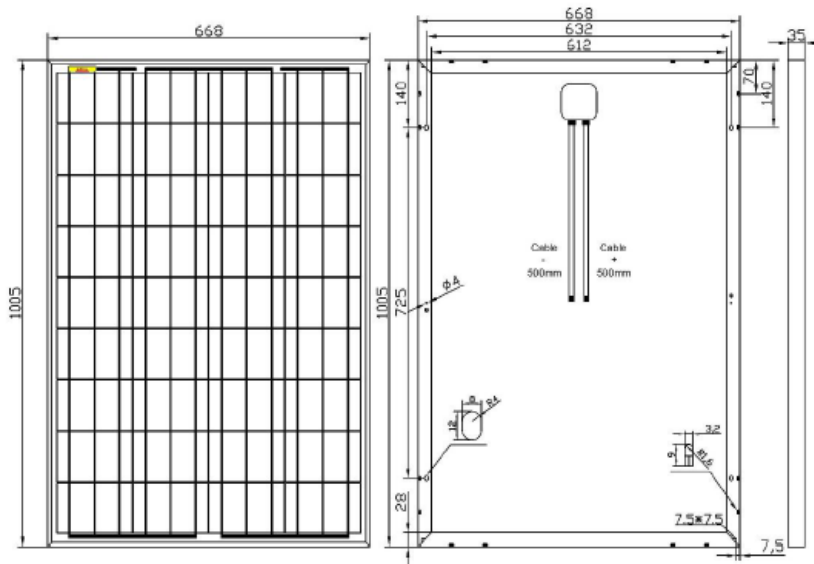
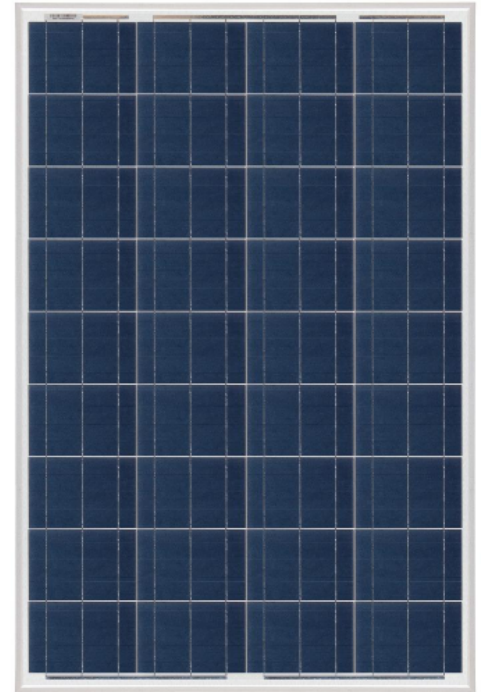
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 104 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1005 x 668 x 35 mm
Output Cable	500 mm
Weight	8 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL90TU-18P

Maximum Power (Pmax)	90W
Power Tolerance	0 ~ +3%
Module Efficiency	13.41%
Maximum Power Current (Imp)	4.90 A
Maximum Power Voltage (Vmp)	18.36 V
Short Circuit Current (Isc)	5.25 A
Open Circuit Voltage (Voc)	22.00 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





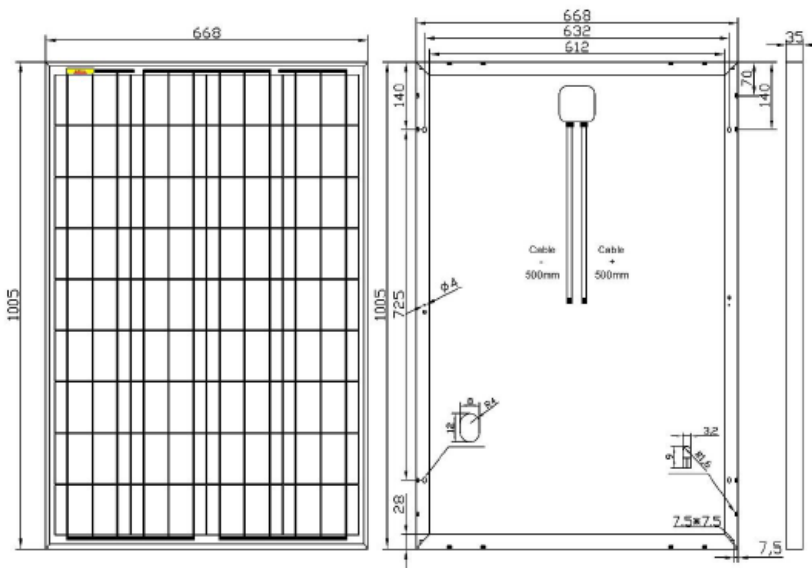
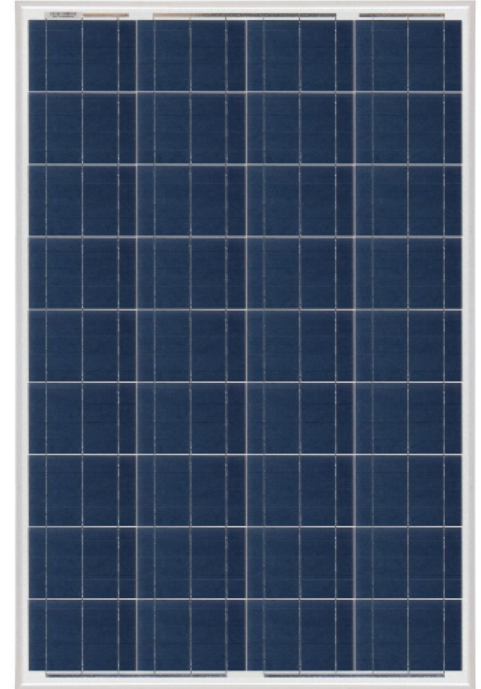
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 104 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1005 x 668 x 35 mm
Output Cable	500 mm
Weight	8 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL95TU-18P

Maximum Power (Pmax)	95W
Power Tolerance	0 ~ +3%
Module Efficiency	14.15%
Maximum Power Current (Imp)	5.07 A
Maximum Power Voltage (Vmp)	18.72 V
Short Circuit Current (Isc)	5.43 A
Open Circuit Voltage (Voc)	22.36 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





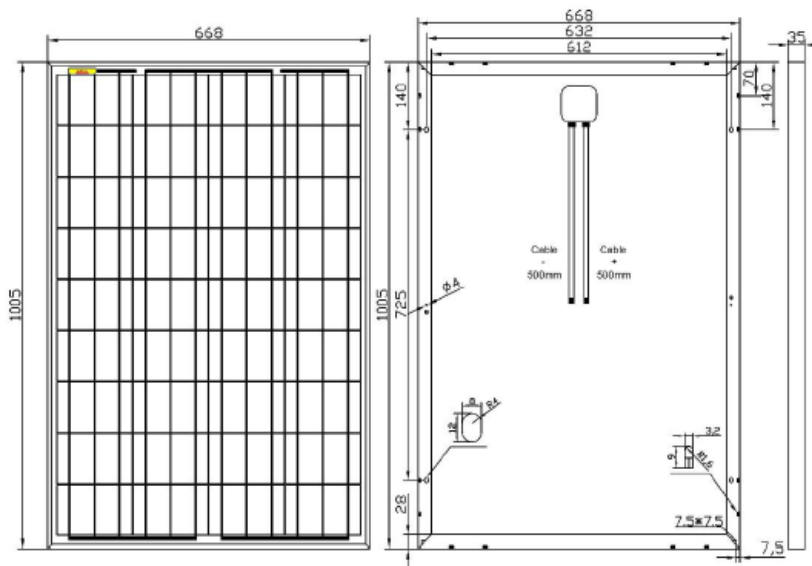
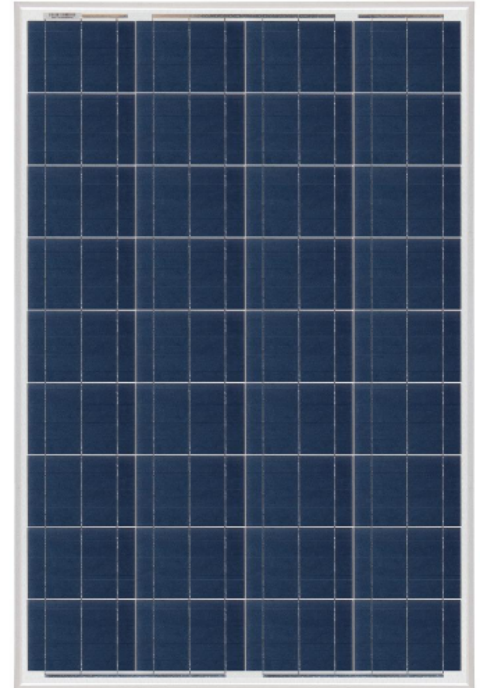
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 104 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1005 x 668 x 35 mm
Output Cable	500 mm
Weight	8 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL100TU-18P

Maximum Power (Pmax)	100 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.90%
Maximum Power Current (Imp)	5.23 A
Maximum Power Voltage (Vmp)	19.12 V
Short Circuit Current (Isc)	5.60 A
Open Circuit Voltage (Voc)	22.68 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





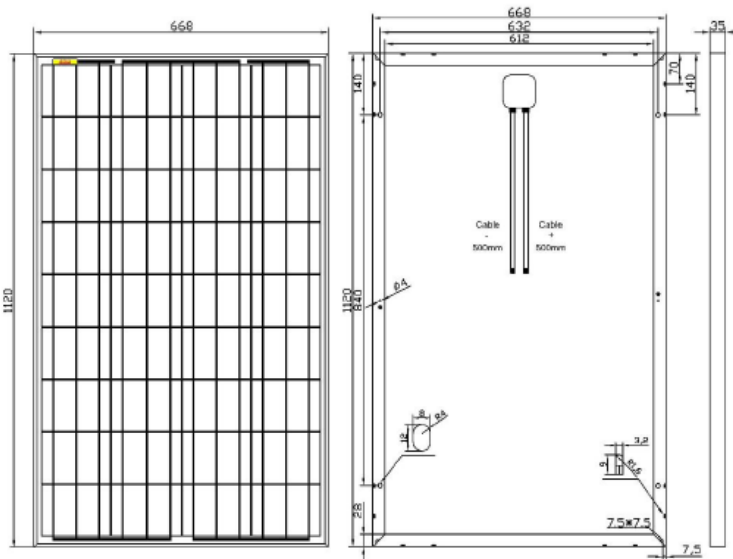
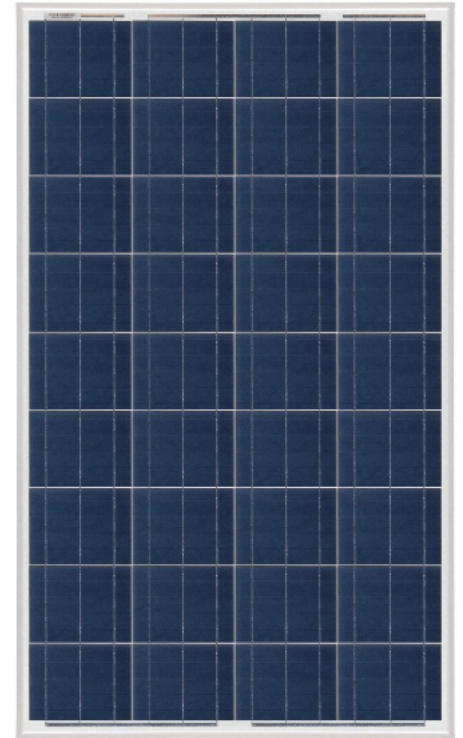
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 117 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1120 x 668 x 35 mm
Output Cable	500 mm
Weight	8.9 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL105TU-18P

Maximum Power (P _{max})	105 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.03%
Maximum Power Current (I _{mp})	5.68 A
Maximum Power Voltage (V _{mp})	18.50 V
Short Circuit Current (I _{sc})	6.07 A
Open Circuit Voltage (V _{oc})	22.14 V



Characteristics

Temperature Coefficient of V _{oc}	-0.38%/°C
Temperature Coefficient of I _{sc}	0.04%/°C
Temperature Coefficient of P _{max}	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



Off Grid Module

110 W



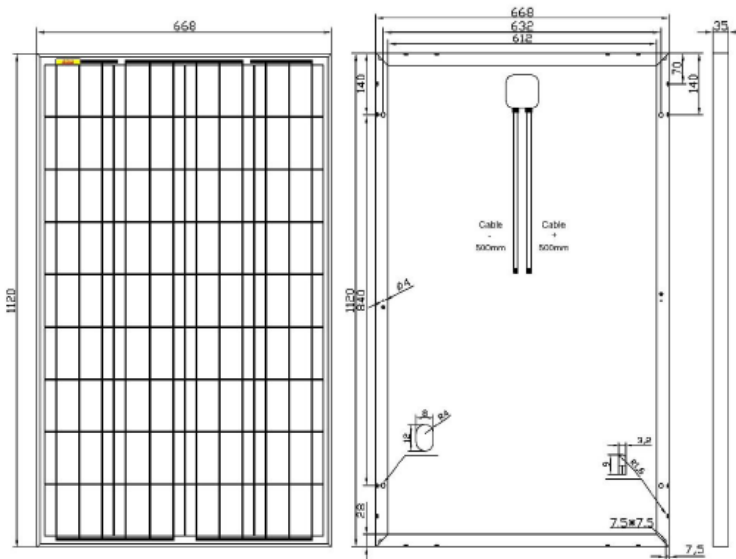
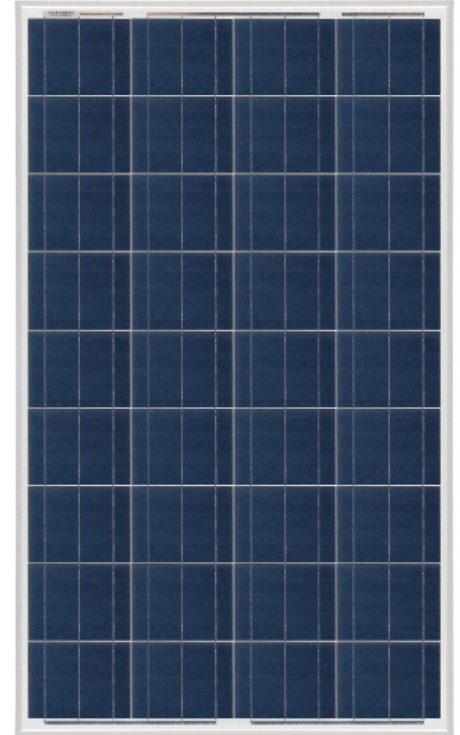
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 117 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1120 x 668 x 35 mm
Output Cable	500 mm
Weight	8.9 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL110TU-18P

Maximum Power (Pmax)	110 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.70%
Maximum Power Current (Imp)	5.82 A
Maximum Power Voltage (Vmp)	18.90 V
Short Circuit Current (Isc)	6.23 A
Open Circuit Voltage (Voc)	22.54 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





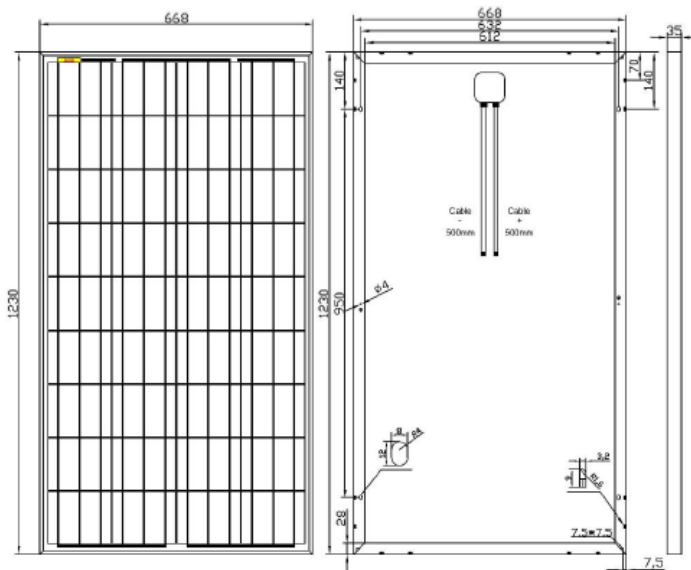
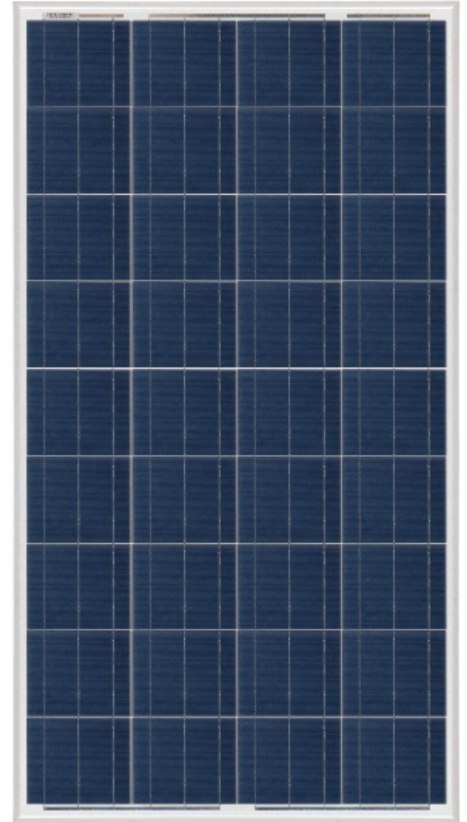
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 129 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1230 x 668 x 35 mm
Output Cable	500 mm
Weight	9.7 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL115TU-18P

Maximum Power (Pmax)	115 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.00%
Maximum Power Current (Imp)	6.22 A
Maximum Power Voltage (Vmp)	18.50 V
Short Circuit Current (Isc)	6.65 A
Open Circuit Voltage (Voc)	22.14 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



Off Grid Module

120 W



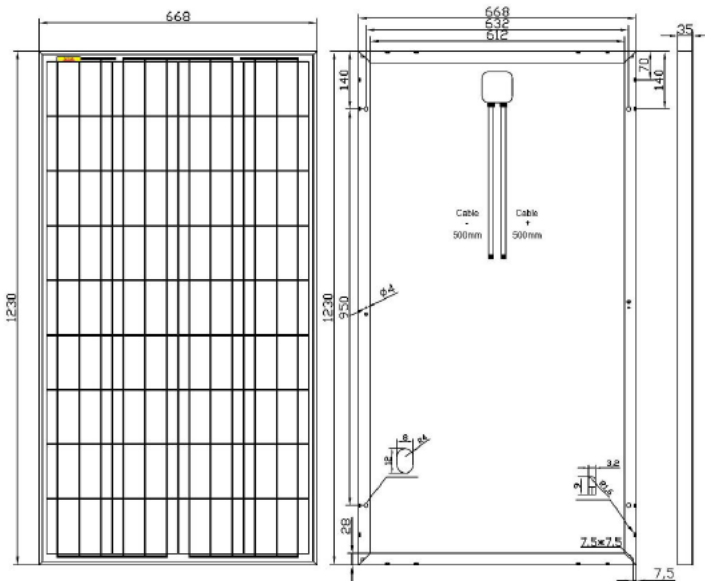
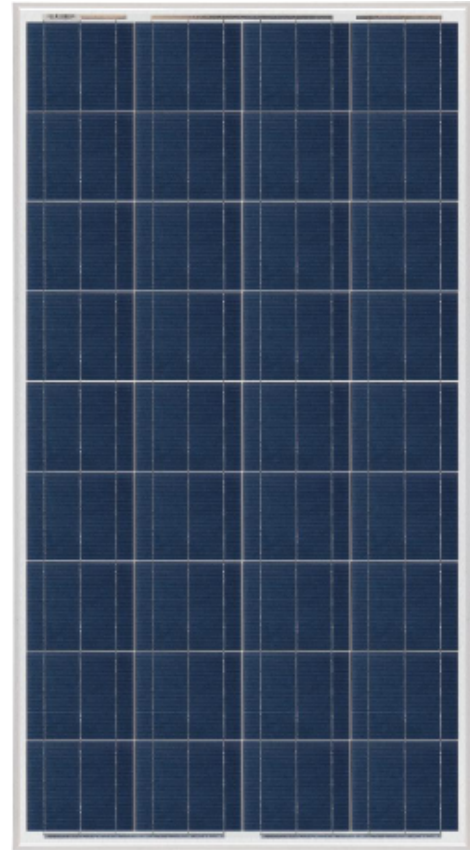
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 129 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1230 x 668 x 35 mm
Output Cable	500 mm
Weight	9.7 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL120TU-18P

Maximum Power (Pmax)	120 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.60%
Maximum Power Current (Imp)	6.37 A
Maximum Power Voltage (Vmp)	18.83 V
Short Circuit Current (Isc)	6.82 A
Open Circuit Voltage (Voc)	22.46 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





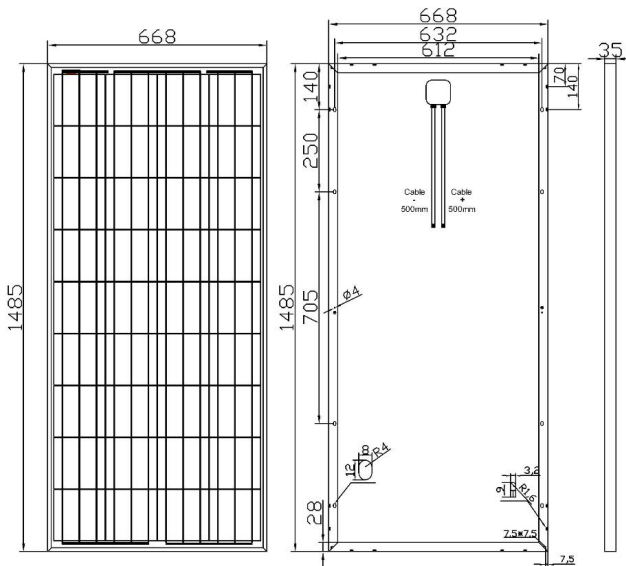
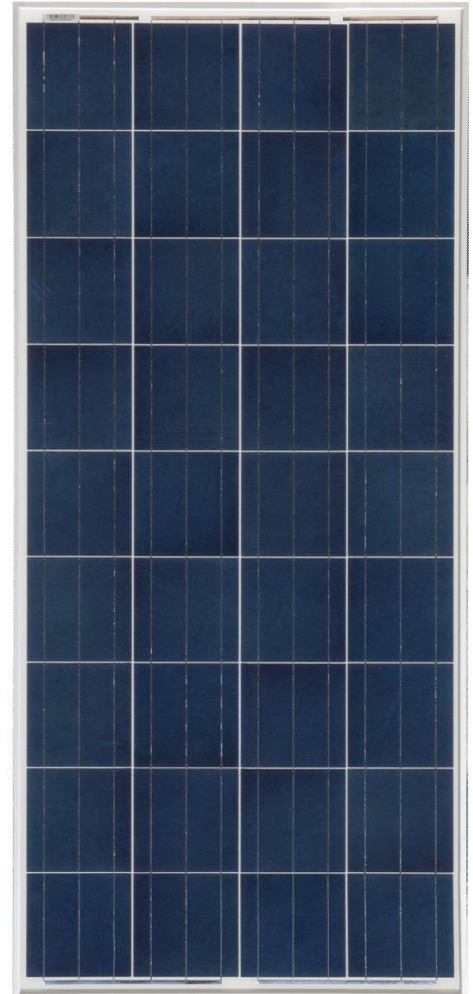
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 156 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1485 x 668 x 35 mm
Output Cable	500 mm
Weight	11.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL125TU-18P

Maximum Power (Pmax)	125 W
Power Tolerance	0 ~ +3%
Module Efficiency	12.60%
Maximum Power Current (Imp)	7.10 A
Maximum Power Voltage (Vmp)	17.61 V
Short Circuit Current (Isc)	7.60 A
Open Circuit Voltage (Voc)	21.69 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





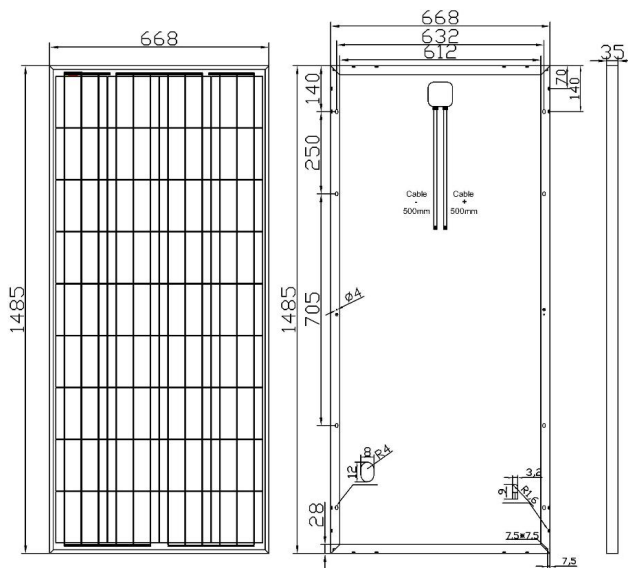
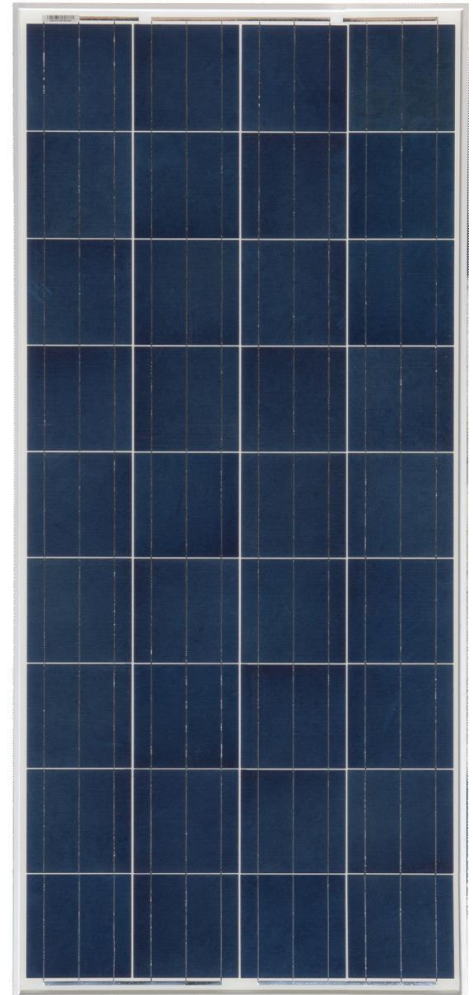
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 156 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1485 x 668 x 35 mm
Output Cable	500 mm
Weight	11.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL130TU-18P

Maximum Power (Pmax)	130 W
Power Tolerance	0 ~ +3%
Module Efficiency	13.10%
Maximum Power Current (Imp)	7.20 A
Maximum Power Voltage (Vmp)	18.0V
Short Circuit Current (Isc)	7.72 A
Open Circuit Voltage (Voc)	21.74 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





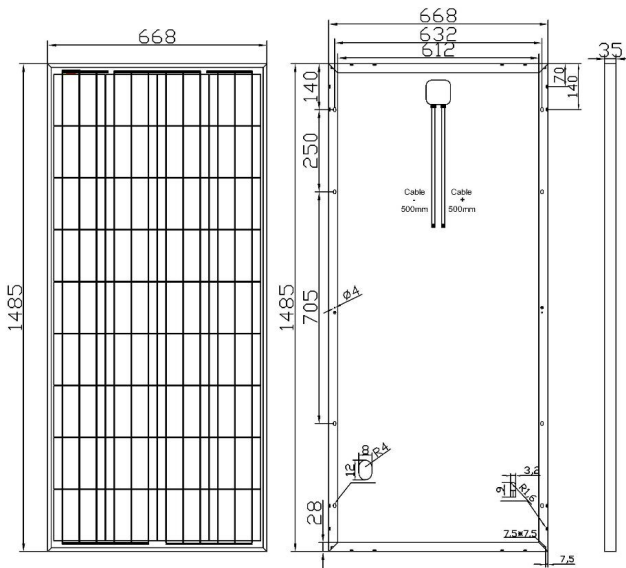
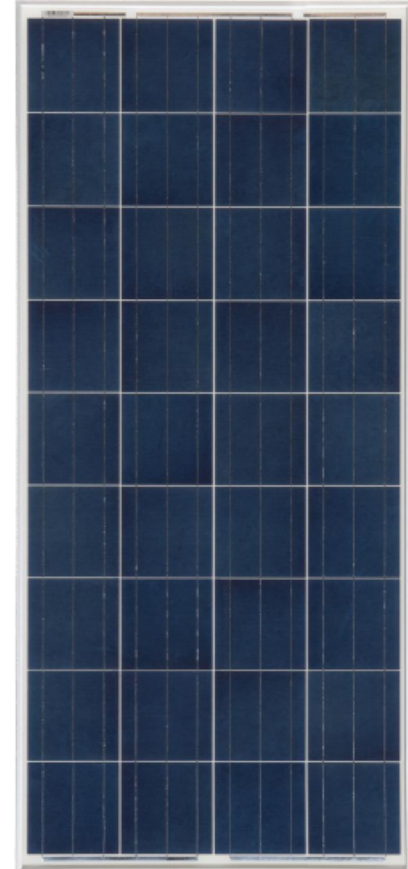
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 156 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1485 x 668 x 35 mm
Output Cable	500 mm
Weight	11.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL135TU-18P

Maximum Power (Pmax)	135 W
Power Tolerance	0 ~ +3%
Module Efficiency	13.61%
Maximum Power Current (Imp)	7.45 A
Maximum Power Voltage (Vmp)	18.12 V
Short Circuit Current (Isc)	7.97 A
Open Circuit Voltage (Voc)	21.80 V



Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C





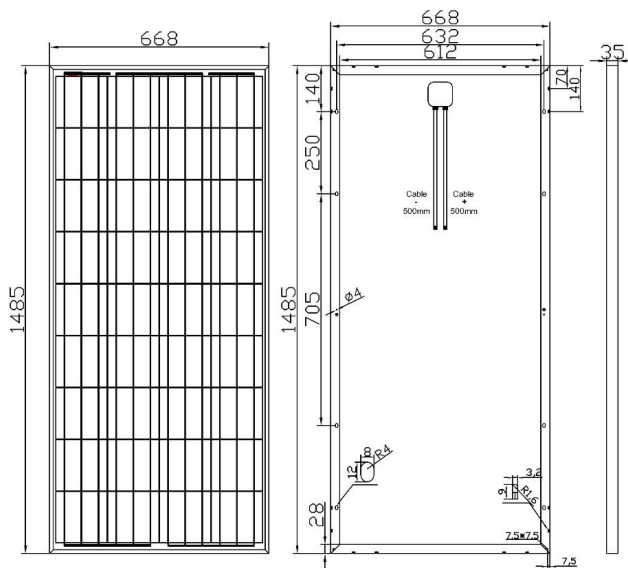
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 156 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1485 x 668 x 35 mm
Output Cable	500 mm
Weight	11.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL140TU-18P

Maximum Power (Pmax)	140 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.11%
Maximum Power Current (Imp)	7.66 A
Maximum Power Voltage (Vmp)	18.28 V
Short Circuit Current (Isc)	8.19 A
Open Circuit Voltage (Voc)	21.89 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



Off Grid Module

145W



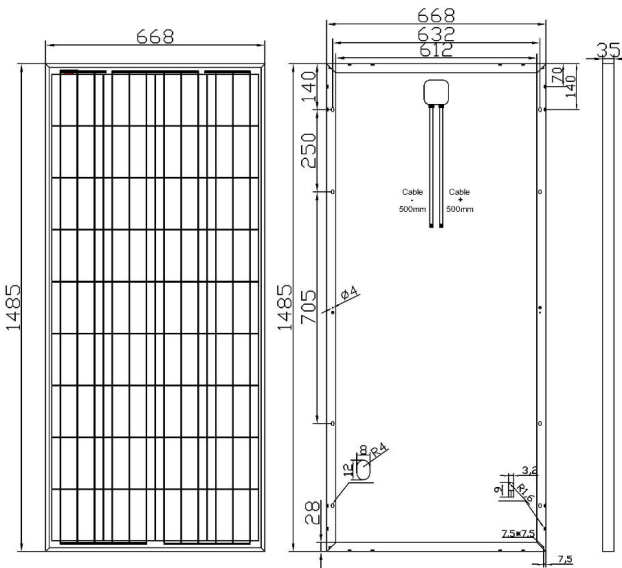
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 156 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1485 x 668 x 35 mm
Output Cable	500 mm
Weight	11.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL145TU-18P

Maximum Power (P _{max})	145 W
Power Tolerance	0 ~ +3%
Module Efficiency	14.62%
Maximum Power Current (I _{mp})	7.86 A
Maximum Power Voltage (V _{mp})	18.45 V
Short Circuit Current (I _{sc})	8.41 A
Open Circuit Voltage (V _{oc})	22.00 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of V _{oc}	-0.38%/°C
Temperature Coefficient of I _{sc}	0.04%/°C
Temperature Coefficient of P _{max}	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



Off Grid Module

150 W



easy & quick

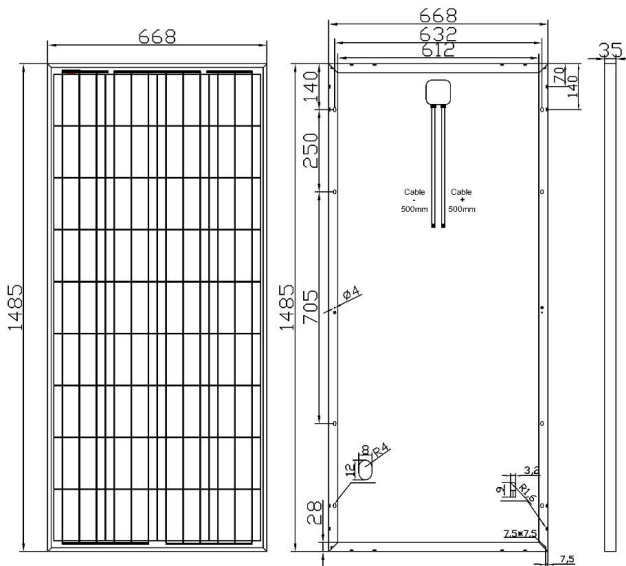
Easy Installation and Handling for Various Applications



Conforms to IEC 61215:2005, IEC 61730:2004 PV Standards



ISO9001, OHSAS18001, ISO14001 Certified



Mechanical Characteristics

Cell Type	Polycrystalline 156 x 156 mm
Glass	High Transmission, Low Iron, Tempered Glass, thickness 3.2mm
Frame	Anodized Aluminum Alloy
Junction Box	10A Bypass Diodes
Dimensions	1485 x 668 x 35 mm
Output Cable	500 mm
Weight	11.6 kg
Installation Hole Location	See Drawing Above

Electrical Characteristics STC

RS-SL150TU-18P

Maximum Power (Pmax)	150 W
Power Tolerance	0 ~ +3%
Module Efficiency	15.12%
Maximum Power Current (Imp)	8.06 A
Maximum Power Voltage (Vmp)	18.61 V
Short Circuit Current (Isc)	8.62 A
Open Circuit Voltage (Voc)	22.19 V



10-year

material & workmanship

25-year

power output

Characteristics

Temperature Coefficient of Voc	-0.38%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.47%/°C
Nominal Operating Cell Temperature (NOCT)	47°C±2°C



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