

Solite Star Plus

Product Overview

Solar Module	6V / 3 Wp
Battery	6V / 4.5 Ah of type SMF
Lamp / Load	3W LED Lamp
Daily Use	2 hrs Daily Use
Emergency Use	6 hrs (For every 3 days of charging)
Rainy Season Use	2 hrs per day for 3 days
Features	a) Table Top b) 360° lighting
Indications	a) YELLOW : ON b) RED : Battery LOW c) GREEN : Charging d) YELLOW : OVER Charge
System Housing	ABS body with Polycarbonate Transparent diffuser
System Input Voltage	6 V DC
Protections	a) Short Circuit b) Battery Low c) Over Charge d) Battery reverse
Packing	Multi colored corrugated Box
Dimensions in [mm]	260 × 225 × 390
Weight in [Kg]	3.5 Approx.
Accessories	
Cable	2 C×0.5 Sq-mm of 5 mts
Mounting clamps	L Shaped clamps Suitable for Wall/ Ground mounting
Charging Jack	MX 72, rugged jack

Solite Global



Product Overview

Solar Module	6V / 6Wp
Battery	6V / 10Ah of type SMF
Tube / Load	7W / 4 pin CFL
Daily Use	4 hrs in Sunshine Months 3 hrs in Cloudy Months
Emergency Use	10 hrs (For every 3 days of charging)
Rainy Season Use	3hrs per day for 3 days
Features	a) Table Top b) 360° lighting c) Lamp doesn't glow during Charging on.
Indications	a) RED : Battery LOW b) GREEN : Charging c) YELLOW : OVER Charge d) YELLOW : System ON
System Housing	ABS white & orange body with Polycarbonate Transparent fluted diffuser
System Input Voltage	6 V DC
Inverter	High frequency push pull
Protections	a) Short Circuit b) Battery Low c) Over Charge

d) Battery reverse

Packing	Multi colored corrugated Box
Dimensions	300 × 240 × 410
Weight in [kg]	3.5
Accessories	
Cable	2 C×0.5 Sq-mm of 10 mts
Mounting Clamps	L Shaped clamps Suitable for Wall/ Ground mounting
Charging Jack	MX 72, rugged jack
User Manual	English & Local Language

Solite Magnum



Product Overview

Solar Module	12 V / 5 Wp
Battery	12 V / 7 Ah of type SMF
Lamp / Load	3W LED Lamp
Daily Use	5 hrs Daily Use
Emergency Use	18 hrs (For every 3 days of charging)
Rainy Season Use	5 hrs per day for 3 days
Features	a) Table Top b) 360° lighting
Indications	a) YELLOW : ON b) RED : Battery LOW c) GREEN : Charging d) GreenBlinking : OVER Charge

System Housing	ABS body with Polycarbonate Transparent diffuser
System Input Voltage	12 V DC
Driver	Constant Output
Protections	a) Short Circuit b) Battery Low c) Over Charge d) Battery reverse
Packing	Multi colored corrugated Box
Dimensions in [mm]	260 × 225 × 390
Weight in [Kg]	5.0 Approx.
Accessories	
Cable	2 C×0.5 Sq-mm of 10 mts
Mounting clamps	L Shaped clamps Suitable for Wall/ Ground mounting
Charging Jack	MX 72, rugged jack
User Manual	English

Mono Multy Crystalline Solar Photovoltaic Module - 5WP, 12V



AA112 & AA212 Product Overview

Photovoltaic Modules- Salient Features

Solar cells are encapsulated between tempered glass and EVA pottant with PVF back sheet to provide maximum protection from the severest environmental conditions. The laminate framed using anodized aluminum frame to provide structural strength and ease of installation.

Technical Specifications

Model - AA112

	Power	Details
Power (Max)	Pp (watts)	5Wp
Voltage at rated power	Vld (Volts)	16.4 V
Voltage at maximum power	Vmp (volts)	> 15.0 V
Current at maximum power	Imp (amps)	0.290A
Open circuit voltage	Voc (volts)	20.0V
Short circuit current	Isc (amps)	0.350A
Solar Cells per Module	Units	36 / 40

Note: Type of Solar Cell: Mono / Multi Crystalline

Dimensions and Weight:

Length	mm (Inches)	305 (12.0)±1
Width	mm (Inches)	275 (10.82) ±0.5
Thickness	mm (Inches)	22 (0.86) ±0.5
Weight	kg (lbs)	0.90±5%
Area	Sq.meters (Sq.Ft)	0.083(0.90)

Model AA212

	Power	Details
Power (Max)	Pp (watts)	5Wp
Voltage at rated power	Vld (Volts)	16.4 V
Voltage at maximum power	Vmp (volts)	> 15.0 V
Current at maximum power	Imp (amps)	0.290A
Open circuit voltage	Voc (volts)	20.0V
Short circuit current	Isc (amps)	0.350A
Solar Cells per Module	Units	36 / 40

Dimensions and Weight:

Length	mm (Inches)	355 (13.97) ±1
Width	mm (Inches)	335 (13.18) ±0.5
Thickness	mm (Inches)	22 (0.86) ±0.5
Weight	kg (lbs)	1.20 ±5%
Area	Sq.meters (Sq.Ft)	0.118(1.28)

Note:

Our standard range of modules are supplied without blocking diodes. However, we will supply with blocking diodes on specific customer request.

Quality Assurance

Andromeda monocrystalline photovoltaic modules meet and exceed specifications for the following tests.

- Thermal cycling test
- Thermal shock test
- Thermal / Freezing and high humidity cycling test
- Electrical isolation test
- Hail impact test
- Mechanical, wind and twist loading test
- Salt spray test
- Light and water-exposure test
- Field exposure test
- Specifications subject to without notice during product upgradations

Mono Multy Crystalline Solar Photovoltaic Module - 8WP



AC112 & AC212 Product Overview

Photovoltaic Modules- Salient Features

Solar cells are encapsulated between tempered glass and EVA pottant with PVF back sheet to provide maximum protection from the severest environmental conditions. The laminate framed using anodized aluminum frame to provide structural strength and ease of installation.

Technical Specifications

Model - AC112

	Power	Details
Power (Max)	Pp (watts)	8Wp
Voltage at rated power	Vld (Volts)	16.4 V
Voltage at maximum power	Vmp (volts)	> 15.0 V
Current at maximum power	Imp (amps)	0.50A
Open circuit voltage	Voc (volts)	20.0V
Short circuit current	Isc (amps)	0.60A
Solar Cells per Module	Units	36

Note: Type of Solar Cell: Mono / Multi Crystalline

Dimensions and Weight:

Length	mm (Inches)	355 (13.97)±1
Width	mm (Inches)	335 (13.18) ±0.5
Thickness	mm (Inches)	22 (0.86) ±0.5
Weight	kg (lbs)	1.20±5%
Area	Sq.meters (Sq.Ft)	0.118(1.28)

Model AC212**Power****Details**

Power (Max)	Pp (watts)	8Wp
Voltage at rated power	Vld (Volts)	16.4 V
Voltage at maximum power	Vmp (volts)	> 15.0 V
Current at maximum power	Imp (amps)	0.50A
Open circuit voltage	Voc (volts)	20.0V
Short circuit current	Isc (amps)	0.60A
Solar Cells per Module	Units	36

Dimensions and Weight:

Length	mm (Inches)	415 (16.20) ±1
Width	mm (Inches)	335 (13.18) ±0.5
Thickness	mm (Inches)	22 (0.86) ±0.5
Weight	kg (lbs)	1.40 (3.02))±5%
Area	Sq.meters (Sq.Ft)	0.14(1.49)

Note:

Our standard range of modules are supplied without blocking diodes. However, we will supply with blocking diodes on specific customer request.

Quality Assurance

Andromeda monocrystalline photovoltaic modules meet and exceed specifications for the following tests.

- Thermal cycling test
- Thermal shock test
- Thermal / Freezing and high humidity cycling test
- Electrical isolation test
- Hail impact test
- Mechanical, wind and twist loading test
- Salt spray test
- Light and water-exposure test

- Field exposure test
- Specifications subject to without notice during product upgradations

Mono/ Multy Crystalline Solar Photovoltaic Module - 80WP, 100WP & 110WP



AQ112, AR112, AS112 Product Overview

Photovoltaic Modules- Salient Features

Solar cells are encapsulated between tempered glass and EVA pottant with PVF back sheet to provide maximum protection from the severest environmental conditions. The laminate framed using anodized aluminum frame to provide structural strength and ease of installation.

Technical Specifications

Model AQ112

	Power	Details
Power (Max)	Pp (watts)	80Wp
Voltage at rated power	Vld (Volts)	16.4 V
Voltage at maximum power	Vmp (volts)	> 15.0 V
Current at maximum power	Imp (amps)	4.70 A
Open circuit voltage	Voc (volts)	20 V
Short circuit current	Isc (amps)	5.10 A
Solar Cells per Module	Units	36

Note: Type of Solar Cell : Mono / Multi Crystalline

Dimensions and Weight:

Length	mm (Inches)	1486(58.50) ±1
Width	mm (Inches)	655(25.78) ±0.5
Thickness	mm (Inches)	34 (1.33) ±0.5)
Weight	kg (lbs)	12.50(27.05)±5%
Area	Sq.meters (Sq.Ft)	0.97 (10.47)

Model AR112

	Power	Details
Power (Max)	Pp (watts)	100Wp
Voltage at rated power	Vld (Volts)	16.4 V
Voltage at maximum power	Vmp (volts)	> 15.0 V
Current at maximum power	Imp (amps)	6.10 A

Open circuit voltage	Voc (volts)	20 V
Short circuit current	Isc (amps)	6.50 A
Solar Cells per Module	Units	36

Dimensions and Weight:

Length	mm (Inches)	1486(58.50) ±1
Width	mm (Inches)	655(25.78) ±0.5
Thickness	mm (Inches)	34 (1.33) ±0.5)
Weight	kg (lbs)	12.50(27.05)±5%
Area	Sq.meters (Sq.Ft)	0.97 (10.47)

Model AS112

Power

Details

Power (Max)	Pp (watts)	110Wp
Voltage at rated power	Vld (Volts)	16.4 V
Voltage at maximum power	Vmp (volts)	> 15.0 V
Current at maximum power	Imp (amps)	6.70 A
Open circuit voltage	Voc (volts)	20 V
Short circuit current	Isc (amps)	7.20 A
Solar Cells per Module	Units	36

Dimensions and Weight:

Length	mm (Inches)	1486(58.50) ±1
Width	mm (Inches)	655(25.78) ±0.5
Thickness	mm (Inches)	34 (1.33) ±0.5)
Weight	kg (lbs)	12.50(27.05)±5%
Area	Sq.meters (Sq.Ft)	0.97 (10.47)

Note:

Our standard range of modules are supplied without blocking diodes. However, we will supply with blocking diodes on specific customer request.

Quality Assurance

Andromeda monocrystalline photovoltaic modules meet and exceed specifications for the following tests.

- Thermal cycling test
- Thermal shock test
- Thermal / Freezing and high humidity cycling test
- Electrical isolation test
- Hail impact test
- Mechanical, wind and twist loading test
- Salt spray test
- Light and water-exposure test.