



SURAT EXIM PVT. LTD.

An ISO 9001 : 2008 Certified Company

OFFICE:

2030, JASH TEXTILE MARKET,
RING ROAD, SURAT-395 002, (GUJ.)
PH: 0261- 2336667

E- Mail: suratexim@yahoo.com

FACTORY:

PLOT NO. 146 / A, SSEZ
SACHIN SURAT - 394 230 (GUJ.)
Mo. 9227455399

SOLAR INVERTER

(Become our Member/Dealer to enjoy discount upto 5% - 30%)



(₹ 999 – ₹ 1,286,999)



Decide with Confidence

www.suratexim.com

E- Mail: suratexim@gmail.com

www.suratexim.co.in



SURAT EXIM PVT. LTD.

An ISO 9001 : 2008 Certified Company

OFFICE:

2030, JASH TEXTILE MARKET,
RING ROAD, SURAT-395 002, (GUJ.)
PH: 0261- 2336667

FACTORY:

PLOT NO. 146 / A, SSEZ
SACHIN SURAT - 394 230 (GUJ.)
Mo. 9227455399

E- Mail: suratexim@yahoo.com

PCU – MPPT BASED (OFF – GRID) SOLAR INVERTER



MODEL	800 VA	1000 VA	1000 VA	1500 VA	2000 VA	2045 VA	2045 VA
VOLT	12 V	12 V	24V	24V	24V	36V	48V
AMP	40 A	40 A	40A	40A	40A	40A	40A
PRICE	18,999	19,199	19,499	19,999	23,499	28,499	28,499

MODEL	2.5 KVA	3 KVA	4 KVA	4 KVA	5 KVA	5 KVA	5 KVA
VOLT	48V	48V	60V	72V	48V	60V	72V
AMP	40A	40A	40A	40A	40A	40A	40A
PRICE	29,999	31,999	48,499	48,499	51,999	52,899	52,899

MODEL	5 KVA	6 KVA	7.5 KVA	1 KW	2 KW	3 KW	5 KW
VOLT	96V	96V	96V	24 V	48 V	48 V	96 V
AMP	40A	40A	40A	-	-	-	-
PRICE	53,899	59,899	62,999	26,739	41,949	65,349	88,749

MODEL	8 KW	10 KW	10 KW	15 KW	20 KW	30 KW	40 KW
VOLT	120 V	120 V	240 V	240 V	240 V	360 V	360 V
PRICE	112,599	153,099 (1 Phase)	211,599 (3 Phase)	223,299	258,399	375,399	457,299

MODEL	50 KW	60 KW	70 KW	80 KW	90 KW	100 KW	
VOLT	360 V	360 V	360 V	360 V	360 V	360 V	
PRICE	580,149	702,999	819,999	936,999	1,053,999	1,159,299	

More than 100 KW and upto 250 KW MPPT Inverters are also available.





SURAT EXIM PVT. LTD.

An ISO 9001 : 2008 Certified Company

OFFICE:

2030, JASH TEXTILE MARKET,
RING ROAD, SURAT-395 002, (GUJ.)
PH: 0261- 2336667

FACTORY:

PLOT NO. 146 / A, SSEZ
SACHIN SURAT - 394 230 (GUJ.)
Mo. 9227455399

E- Mail: suratexim@yahoo.com

GRID TIE SOLAR INVERTER (1st TIME IN INDIA)

(Become our Member/Dealer to enjoy discount upto 5% - 30%)



Sr. No	KW	Price (Rs.)
287a	1 KW	35,999
289c	2 KW	38,999
289h	3 KW	46,999
295	5 KW	63,999
299c	10 KW	124,999
299e	20 KW	239,999

BENEFITS:

1. MPPT efficiency > 99.9%
2. Maximum efficiency > 97.6%
3. Independent MPPT tracking gains optimal energy harvesting
4. Low sensitivity to grid disturbances to avoid undesired disconnection from the grid
5. Wide range of input voltage and operation environment
6. Wide DC input range from 150V to 500V or 250V to 850V
7. Wide operating temperature range -20°C to 60°C
8. IP65 harshest industrial protection for indoors and outdoors
9. RS232/GPRS or Wifi interfaces
10. Easy to read LCD display with all operational status
11. Comply with latest VDE AR N4105 standard





SURAT EXIM PVT. LTD.

An ISO 9001 : 2008 Certified Company

OFFICE:

2030, JASH TEXTILE MARKET,
RING ROAD, SURAT-395 002, (GUJ.)
PH: 0261- 2336667

FACTORY:

PLOT NO. 146 / A, SSEZ
SACHIN SURAT - 394 230 (GUJ.)
Mo. 9227455399

E- Mail: suratexim@yahoo.com

TECHNICAL SPECIFICATION:

INPUT				
Max. DC input power	1800W	2400W	3300W	4000W
Max. DC input voltage	500Vdc			
MPPT tracking voltage range	150~450Vdc (Rated voltage 360Vdc)			
Number of MPPT tracking	1			
Max. input current for each tracking	9A	11A	17A	20A
OUTPUT				
Rated output power	1500W	2000W	3000W	3600W
Max. AC output power	1650W	2200W	3100W	3700W
Rated output voltage	230Vac			
Output voltage range	184~276Vac			
Grid frequency range	50/60Hz(±5Hz), (adjustable)			
Rated output current	6.5A	8.7A	13A	15.6A
Max. output current	9A	11A	15A	18A
Power factor (cosΦ)	1			
Total harmonic current distortion(THDi)	<3%			
SYSTEM FEATURES				
Max. efficiency	>96.3%	>96.9%	>97.5%	>97.6%
Euro efficiency	>96.0%	>96.0%	>96.5%	>96.6%
MPPT efficiency	>99.9%			
Standby (night time) losses	<0.2W			
DC switch	Optional			
Communication interface	RS485 standard, external WiFi or Ethernet (optional)			





SURAT EXIM PVT. LTD.

An ISO 9001 : 2008 Certified Company

OFFICE:

2030, JASH TEXTILE MARKET,
RING ROAD, SURAT-395 002, (GUJ.)
PH: 0261- 2336667

FACTORY:

PLOT NO. 146 / A, SSEZ
SACHIN SURAT - 394 230 (GUJ.)
Mo. 9227455399

E- Mail: suratexim@yahoo.com

Max. DC input power	3300W	4000W	4600W	5500W
Max. DC input voltage	600Vdc			
MPPT tracking voltage range	150~500Vdc (Rated voltage 360Vdc)			
Number of MPPT tracking	2			
Max. input current for each tracking	9A×2	11A×2	13A×2	15A×2
OUTPUT				
Rated output power	3000W	3600W	4200W	5000W
Max. AC output power	3100W	3700W	4300W	5100W
Rated output voltage	230Vac			
Output voltage range	184~276Vac			
Grid frequency range	50/60Hz(±5Hz), (adjustable)			
Rated output current	13A	15.6A	18.3A	21.7A
Max. output current	15A	18A	21A	24A
Power factor (cosΦ)	0.9 leading-0.9 lagging			
Total harmonic current distortion(THDi)	<3%			
SYSTEM FEATURES				
Max. efficiency	>97.4%	>97.4%	>97.5%	>97.6%
Euro efficiency	>96.6%	>96.7%	>96.8%	>96.8%
MPPT efficiency	>99.9%			
Standby (night time) losses	<0.2W			
DC switch	Optional			
Communication interface	RS485 standard, external WiFi or Ethernet (optional)			
ENVIRONMENTAL				
Operating temperature	-20°C~60°C			
Humidity range	0~95% (non-condensing)			
Altitude	2000m			
Noise level	<25dB (1 meter from surface)			
Protection rating	IP65			



Decide with Confidence



SURAT EXIM PVT. LTD.

An ISO 9001 : 2008 Certified Company

OFFICE:

2030, JASH TEXTILE MARKET,
RING ROAD, SURAT-395 002, (GUJ.)
PH: 0261- 2336667

FACTORY:

PLOT NO. 146 / A, SSEZ
SACHIN SURAT - 394 230 (GUJ.)
Mo. 9227455399

E- Mail: suratexim@yahoo.com

INPUT					
Max. DC input power	12KW	14KW	17KW	19KW	22KW
Max. DC input voltage	900Vdc				
MPPT tracking voltage range	250~850Vdc (Rated voltage 580Vdc)				
Number of MPPT tracking	3				
Max. input current for each tracking	12A×3		17A×3		
OUTPUT					
Rated output power	10KW	12.5KW	15KW	17KW	20KW
Max. AC output power	10.5KW	13KW	15.5KW	17.5KW	20.5KW
Rated output voltage	400 Vac				
Output voltage range	400V±20% (adjustable)				
AC output topology	3Ph+N+PE, Transformer-less				
Grid frequency range	50/60Hz (±5Hz), (adjustable)				
Rated output current	15.2A	18.1A	21.7A	24.6A	29A
Max. output current	17A	20A	24A	27A	30A
Power factor (cosΦ)	0.9 leading ~0.9 lagging				
Total harmonic current distortion (THDi)	<3%				
SYSTEM FEATURES					
Max. efficiency	>98.0%	>98.0%	>98.1%	>98.1%	>98.2%
Euro efficiency	>97.5%	>97.5%	>97.6%	>97.6%	>97.7%
MPPT efficiency	99.9%				
Standby (night time) losses	<2W				
Cooling	Forced air cooling				
DC switch	Optional				
Communication interface	RS485 standard, external WiFi or Ethernet (optional)				

