

InfiniSolar VII

On-grid inverter support back up batteries



- Pure sine wave output
- Self-consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or Grid
- User-adjustable charging current and voltage
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Monitoring software for real-timr status display and control
- ✓ Parallel operation up to 9 units only for 2KW/3KW/5KW/6KW models
- Battery independent system







InfiniSolar V II On-Grid Inverter With Energy Storage Selection Guide

MODEL	InfiniSolar V II 1 5KW	InfiniSolar V II 2KW	InfiniSolar V II 3KW-24V	InfiniSolar V II 3KW-48V	InfiniSolar V II 5KW	InfiniSolar V II 6KW
Phase	minisolar v ii 1.5KW	IIIIIIISolar V II ZKW	1-phase in /		IIIIIIISolar V II SKW	IIIIIIISolar V II brvv
Maximum PV Input Power	2000W	3000W	4000W	4000 W	5000W	6000W
Rated Output Power	1500W	2000W	3000 W	3000W	5000W	6000W
Maximum Charging Power	2000W	2880W	2880W	2880W	5000W	5000W
GRID-TIE OPERATION	2000	200000	200000	200000	300000	500000
PV INPUT (DC)						
Nominal DC Voltage / Maximum DC Voltage	120 VDC / 400 VDC	240 VDC / 450 VDC	360 VDC / 450 VDC	360 VDC / 450 VDC	60 VDC / 450 VDC	360 VDC / 500 VDC
Start-up Voltage / Initial Feeding Voltage	130VDC / 150 VDC	130VDC / 150 VDC	130VDC / 150 VDC	130VDC / 150 VDC	130VDC / 150 VDC	130VDC / 150 VDC
MPP Voltage Range	120 VDC ~ 380 VDC	90 VDC ~ 430 VDC	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC
Number of MPP Trackers / Maximum Input Current	1 / 18 A	1 / 18 A	1 / 18A	1 / 18A	1 / 23A	1 / 27A
GRID OUTPUT (AC)						
Nominal Output Voltage	220/230/240 VAC					
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)					
Nominal Output Current	6.5A	8.7A	13A	13A	21.7A	26A
Power Factor			> 0	.99		
EFFICIENCY						
Maximum Conversion Efficiency (DC/AC)			95	5%		
OFF-GRID OPERATION						
AC INPUT						
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC					
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC					
Frequency Range			50 Hz/60 Hz (
Maximum AC Input Current	30 A	30 A	40 A	40 A	40 A	40 A
PV INPUT (DC)			107	197	107	107
Maximum DC Voltage	400 VDC	450 VDC	450 VDC	450 VDC	450 VDC	500 VDC
MPP Voltage Range	120 VDC ~ 380 VDC	90 VDC ~ 430 VDC	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC	120 VDC ~ 430 VDC
Number of MPP Trackers / Maximum Input Current	1 / 18 A	1 / 18 A	1 / 18 A	1 / 18 A	1 / 23A	1 / 27A
BATTERY MODE OUTPUT (AC)			000/000/	242142		
Nominal Output Voltage	220/230/240 VAC					
Output Waveform			Pure sir			1
Efficiency (DC to AC)	93%	93%	93%	93%	93%	93%
HYBRID OPERATION						
PV INPUT (DC)						
. ,				200 VDC / 450 VDC	360 VDC / 450 VDC	
Nominal DC Voltage / Maximum DC Voltage	120 VDC / 400 VDC	240 VDC / 450 VDC	360 VDC / 450 VDC	360 VDC / 450 VDC		360 VDC / 500 VDC
. ,	120 VDC / 400 VDC 130VDC / 150 VDC	240 VDC / 450 VDC 130VDC / 150 VDC	130VDC / 150 VDC	130VDC / 150 VDC	120VDC / 150 VDC	130VDC / 150 VDC
Nominal DC Voltage / Maximum DC Voltage						
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage	130VDC / 150 VDC	130VDC / 150 VDC	130VDC / 150 VDC	130VDC / 150 VDC	120VDC / 150 VDC	130VDC / 150 VDC
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range	130VDC / 150 VDC 120 VDC ~ 380 VDC	130VDC / 150 VDC 90 VDC ~ 430 VDC	130VDC / 150 VDC 120 VDC ~ 430 VDC	130VDC / 150 VDC 120 VDC ~ 430 VDC	120VDC / 150 VDC 120 VDC ~ 430 VDC	130VDC / 150 VDC 120 VDC ~ 430 VDC
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current	130VDC / 150 VDC 120 VDC ~ 380 VDC	130VDC / 150 VDC 90 VDC ~ 430 VDC	130VDC / 150 VDC 120 VDC ~ 430 VDC	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A	120VDC / 150 VDC 120 VDC ~ 430 VDC	130VDC / 150 VDC 120 VDC ~ 430 VDC
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC)	130VDC / 150 VDC 120 VDC ~ 380 VDC	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A	130VDC / 150 VDC 120 VDC ~ 430 VDC
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage	130VDC / 150 VDC 120 VDC ~ 380 VDC	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A	130VDC / 150 VDC 120 VDC ~ 430 VDC
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A
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Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195. 13A 120 - 140 VA 90 - 280 VAC or	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A CC / 180 VAC	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC)	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195. 13A 120 - 140 VA 90 - 280 VAC or 40 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 170 - 280 VAC 40 A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195. 13A 120 - 140 VA 90 - 280 VAC or 40 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 170 - 280 VAC 40 A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC)	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195. 13A 120 - 140 VA 90 - 280 VAC or 40 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 170 - 280 VAC 40 A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A
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Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum Solar Charging Current Maximum AC Charging Current Maximum Charging Current Maximum Charging Current GENERAL	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 93% 48 VDC 30A 40A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 30 A 93% 48 VDC 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195. 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 93% 48 VDC 100 A 100 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 93% 48 VDC 100 A 100 A
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Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum AC larging Current Maximum AC Charging Current Maximum AC Charging Current Maximum Charging Current GENERAL PHYSICAL Dimension, D x W x H (mm) Net Weight (kgs)	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 93% 48 VDC 30A 40A 40A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 30 A 93% 48 VDC 60 A 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.1 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A 60 A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 48 VDC 100 A 100 A 100 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 40 A 48 VDC 100 A 100 A 100 A
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum Solar Charging Current Maximum AC Charging Current Maximum Charging Current Maximum Charging Current GENERAL PHYSICAL Dimension, D x W x H (mm)	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 30 A 48 VDC 30A 40A 40A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 8.7A 30 A 93% 48 VDC 60 A 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.1 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A 60 A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 40 A 93% 48 VDC 100 A 100 A 100 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 48 VDC 100 A 100 A 100 A 120 x 295 x 468
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum AC larging Current Maximum AC Charging Current Maximum AC Charging Current Maximum Charging Current GENERAL PHYSICAL Dimension, D x W x H (mm) Net Weight (kgs)	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 30 A 48 VDC 30A 40A 40A	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 8.7A 30 A 93% 48 VDC 60 A 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.1 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A 60 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A 60 A	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 40 A 93% 48 VDC 100 A 100 A 100 A	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 48 VDC 100 A 100 A 100 A
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum Solar Charging Current Maximum AC Charging Current Maximum AC Charging Current Maximum AC Charging Current GENERAL PHYSICAL Dimension, D x W x H (mm) Net Weight (kgs) INTERACE	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 48 VDC 30A 40A 40A 100 x 300 x 440 8	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 8.7A 30 A 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.1 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A 60 A 120 x 295 x 468 11	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A C / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11 Yes, 9 units	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 40 A 93% 48 VDC 100 A 100 A 100 A 120 x 295 x 468 12	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 48 VDC 100 A 100 A 100 A 120 x 295 x 468 12
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum AC Charging Current Maximum AC Charging Current Maximum AC Charging Current Maximum Charging Current Maximum Charging Current Maximum Charging Current Minum Charging	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 48 VDC 30A 40A 40A 100 x 300 x 440 8	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 8.7A 30 A 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.1 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A 60 A 120 x 295 x 468 11 Yes, 9 units	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A C / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11 Yes, 9 units	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 40 A 93% 48 VDC 100 A 100 A 100 A 120 x 295 x 468 12	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 48 VDC 100 A 100 A 100 A 120 x 295 x 468 12
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum AC Charging Current Maximum AC Charging Current Maximum AC Charging Current Maximum Charging Current Maximum Charging Current Maximum Charging Current Maximum Charging Current Meximum Charging Current Minum Char	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 48 VDC 30A 40A 40A 100 x 300 x 440 8	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 8.7A 30 A 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195.1 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A 60 A 120 x 295 x 468 11 Yes, 9 units	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11 Yes, 9 units 12/Dry Contact	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 40 A 93% 48 VDC 100 A 100 A 100 A 120 x 295 x 468 12	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 48 VDC 100 A 100 A 100 A 120 x 295 x 468 12
Nominal DC Voltage / Maximum DC Voltage Start-up Voltage / Initial Feeding Voltage MPP Voltage Range Number of MPP Trackers / Maximum Input Current GRID OUTPUT (AC) Nominal Output Voltage Output Voltage Range Nominal Output Current AC INPUT AC Start-up Voltage / Auto Restart Voltage Acceptable Input Voltage Range Maximum AC Input Current BATTERY MODE OUTPUT (AC) Nominal Output Voltage Efficiency (DC to AC) BATTERY & CHARGER Nominal DC Voltage Maximum AC Charging Current Maximum AC Charging Current Maximum AC Charging Current Maximum Charging Current Maximum Charging Current Maximum Charging Current Meximum Charging Current Minum Chargi	130VDC / 150 VDC 120 VDC ~ 380 VDC 1 / 18 A 6.5A 30 A 48 VDC 30A 40A 40A 100 x 300 x 440 8	130VDC / 150 VDC 90 VDC ~ 430 VDC 1 / 18 A 8.7A 8.7A 30 A 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 220/230/ 184 - 264.5 VAC or 195. 13A 120 - 140 VA 90 - 280 VAC or 40 A 220/230/ 93% 24 VDC 60 A 60 A 60 A 120 x 295 x 468 11 Yes, 9 units USB or RS-23	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 18A 240 VAC 5 - 253 VAC (Selectable 13A AC / 180 VAC 40 A 240 VAC 93% 48 VDC 60 A 60 A 60 A 120 x 295 x 468 11 Yes, 9 units 22/Dry Contact Io VDC ~ 430 VDC	120VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 23A) 21.7A 40 A 40 A 93% 48 VDC 100 A 100 A 100 A 120 x 295 x 468 12	130VDC / 150 VDC 120 VDC ~ 430 VDC 1 / 27A 26A 40 A 48 VDC 100 A 100 A 100 A 120 × 295 × 468 12

Product specifications are subject to change without further notice.



