



INFINISOLAR **ON GRID INVERTER with Energy Storage**

- Pure Sine Wave Output
- Self-Consumption and Feed-in to the grid
- Programmable supply priority for PV, Battery or grid
- User- adjustable battery charging current suits different types of batteries
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup
- Built-in timer for various mode on/off operation
- Multiple communication for USB, RS-232, Modbus and SNMP
- Monitoring software for real-time status display and control





SPESIFIKASI INFINISOLAR 10 KW		
PHASE		3-phase in / 3-phase out
Maximum PV Input Power		14850 W
Rated Output Power		10000 W
Maximum Charging power		9500 W
Grid-Tie Operation Pv Input	Nominal DC Voltage / Maximum DC Voltage	720 VDC / 900 VDC
	Start Up Voltage / Initial Feeding Voltage	320 VDC / 350 VDC
	MPP Voltage Range	400 VDC ~ 800 VDC
	Maximum Input Current	2 / 2 x 18.6 A
GRID/UTILITY INPUT (AC)	Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
	Output Voltage Range	184-265 VAC perphase
	Nominal Output Current	14.5 A perphase
	Power factor	> 0.99
EFFICIENCY	Maximum Conversion Efficiency (DC/AC)	> 96 %
	European efficiency @Vnominal	> 96 %
OFF GRID OPERATION AC Input	AC Start-up Voltage/Auto Restart Voltage	175-280 VAC per phase / 180 VAC per phase
	Acceptable Input Voltage Range	170-280 VAC per phase
	Maximum AC Input Current	40 A
PV INPUT (DC)	Maximum DC Voltage	900 VDC
	MPP Voltage Range	400 VDC ~ 800VDC
	Maximum Input Current	2 / 2 x 18.6 A
BATTERY MODE OUTPUT (AC)	Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
	Output Waveform	Pure SineWave
	Efficiency (DC to AC)	91 %
HYBRID OPERATION PV INPUT (DC)	Nominal DC Voltage / Maximum DC Voltage	720 VDC / 900 VDC
	Start-up Voltage / Initial Feeding Voltage	320 VDC / 350 VDC
	MPP Voltage Range	400 VDC ~ 800 VDC
	Maximum Input Current	2 / 2 x 18.6 A
GRID /UTILITY OUTPUT (AC)	Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
	Output Voltage Range	184 – 264 VAC per phase
	Nominal Output Current	14.5 A per phase
AC INPUT	AC Start Up Voltage / Auto Restart Voltage	120-140 VAC per phase / 180 VAC per phase
	Acceptable Input Voltage Range	170 -280 VAC per phase
	Maximum AC Input Current	40 A
BATTERY MODE OUTPUT (AC)	Nominal Output Voltage	230 VAC (P-N) / 400 VAC (P-P)
	Efficiency(DC to AC)	91%
BATTERY & CHARGER	Nominal DC Voltage	48 VDC
	Maximum Charging Current	Default 60A, 10 A – 200 A (adjustable)
GENERAL PHYSICAL	Dimension D x W x H (mm)	167.5 x 500 x 622
	Net Weight (Kgs)	45
INTERFACE	Communication Port	RS-232/USB and CAN interface
	Intelligent Slot	Optional SNMP, Modbus,and AS-400 cards available
ENVIRONMENT	Humidity	0 ~ 90% RH (No Condensing)
	Operating temperature	-10 to 55° C
	Attitude	0 ~ 1000 m