

TECHNICAL INFORMATION OF MICRO INVERTER

Summary of Advantages

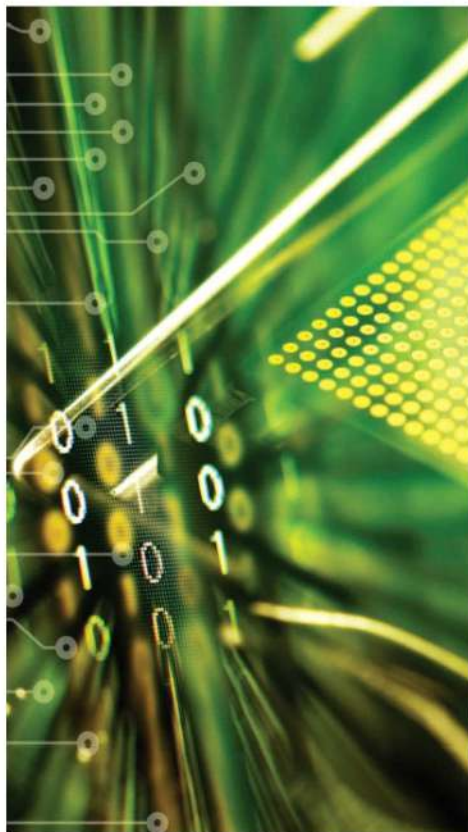


- 1 FIRE SAFE**
DC Voltage < 60 V
- 2 RELIABLE**
25 Years Product Warranty* | No SPF
- 3 MORE ENERGY**
Up to 25% more energy*
- 4 EASY O&M**
Module level monitoring
- 5 FUTURE PROOF**
Modular | Compatible with storage

Home Energy Solutions

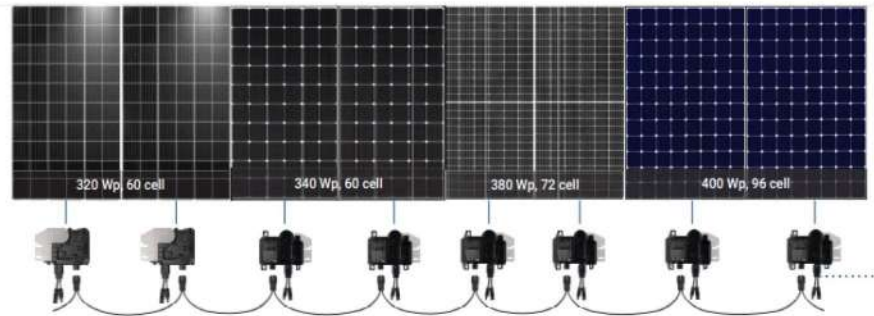


Photos of Mirco Inverter



ENPHASE System Advantages Performance Reliability Safety **Simplicity** Intelligence

Enphase is future proof



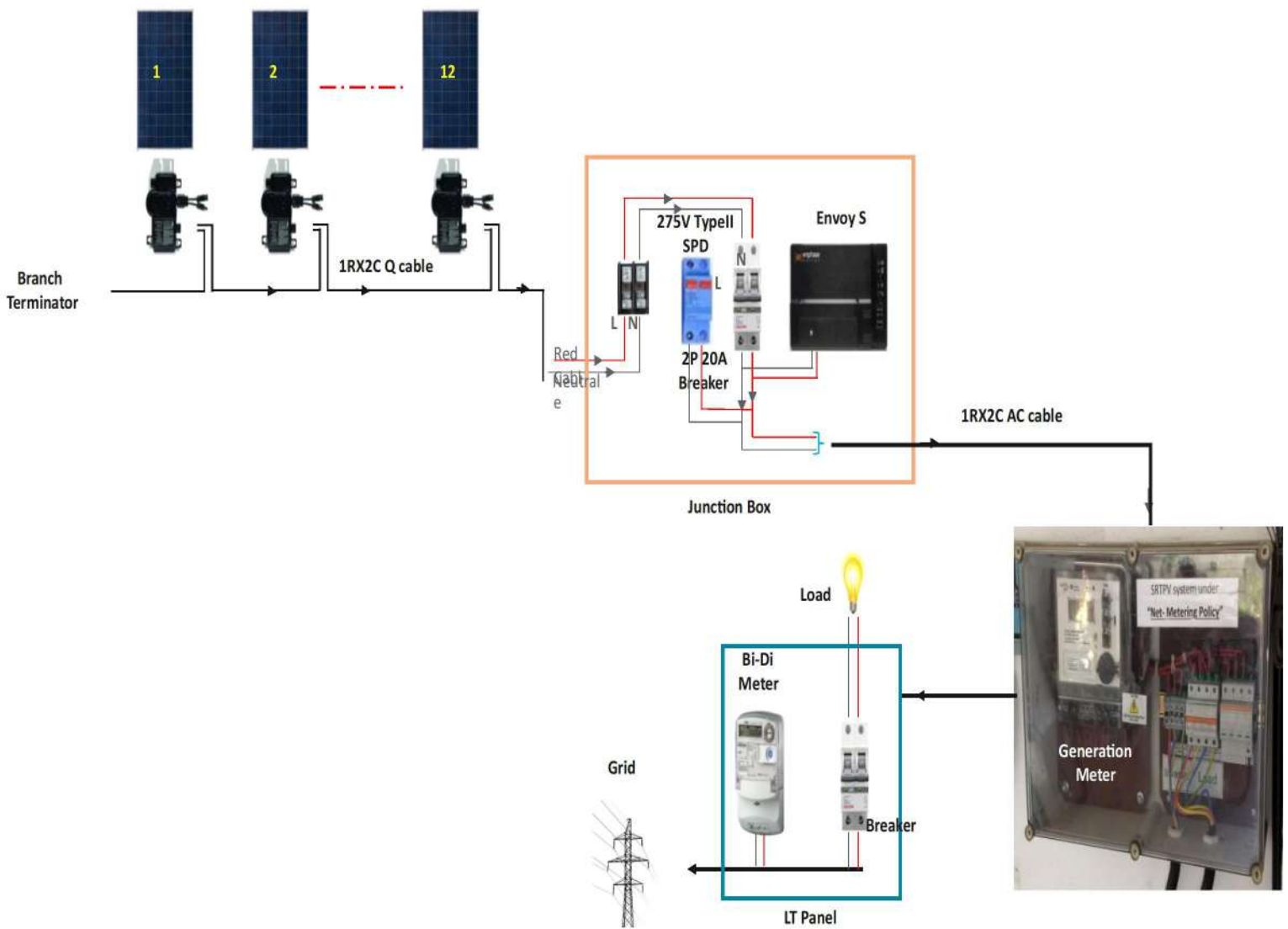
Panel Configuration	Power Rating	Cell Count	Micro Inverter Model
320 Wp, 60 cell	320 Wp	60 cell	IQ 6
340 Wp, 60 cell	340 Wp	60 cell	IQ 7
380 Wp, 72 cell	380 Wp	72 cell	IQ 7+
400 Wp, 96 cell	400 Wp	96 cell	IQ 7X

Enphase has a number of models for your business to meet changing PV module make and power ratings over time. A newer make and model can be used for any module replacement required in the future.

Why Micro Inverter?

Features	Microinverters	String Inverters	String + DC Optimizer
Design	Flexible <ul style="list-style-type: none"> ▪ No string sizing ▪ Multiple configurations ▪ Plug & Play 	Rigid Design <ul style="list-style-type: none"> ▪ String Sizing ▪ AC & DC design requirement 	Rigid Design <ul style="list-style-type: none"> ▪ String Sizing ▪ AC & DC design requirement
Productivity	Production increase of about 8-10% more than string inverters	Production varies by string length	Production varies by string length
Durability	<ul style="list-style-type: none"> ▪ IP 67 enclosure ▪ Ultra-reliable components ▪ 25 Years Design Life 	<ul style="list-style-type: none"> ▪ Inverter is a single point failure ▪ 10 years design life 	<ul style="list-style-type: none"> ▪ Inverter is a single point failure ▪ 25 years for Optimizer and 12 for Inversion unit
Safety	<ul style="list-style-type: none"> ▪ Highest ▪ AC system ; low voltage DC 	Not as safe 600-1000 V DC on roof	Not as safe 600-1000 V DC on roof
O&M Cost	<ul style="list-style-type: none"> ▪ Very low due to module level monitoring and modular design 	High due to low visibility, Inverter replacement and single point of failure	High due, Inverter replacement and single point of failure

Single Line DiaGram-1 Phase



Single Line DiaGram-3 Phase

