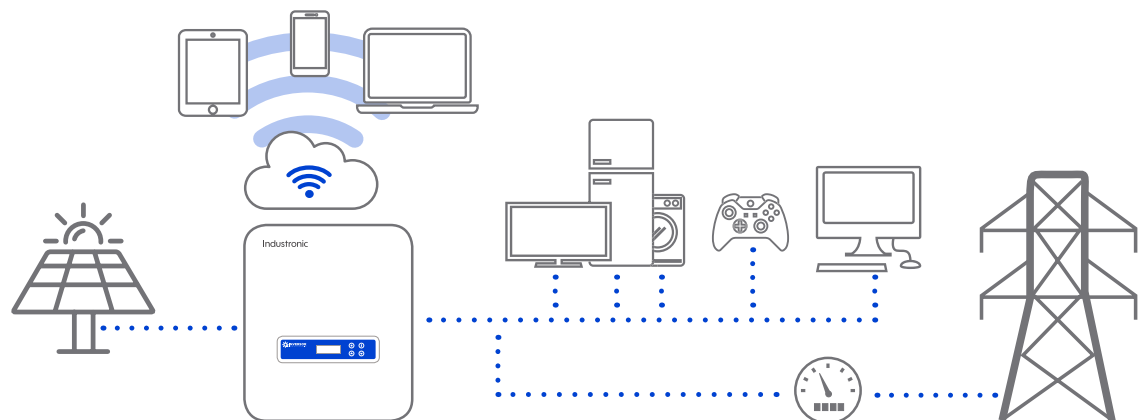


## Features

- High Efficiency
  - High Efficiency Inverter Topology with the Maximum Efficiency up to 98.2%
  - Advanced Control Algorithms and High Adaptation Ability to the Grid, Improving the Stability of Power Generation System
- Safety and Reliability
  - Aluminum Alloy Die-casting Integrated Chassis, Capable of Operating in Harsh Natural Environment
  - Super Wide Operating Temperature: -40 ~ 60 °C
- Intelligent Management
  - Intelligent Cloud Platform Monitoring, Realizing One-key App Real-time Monitoring
  - Support RS485, GRPS, WIFI and Other Communication Methods
- Green Saving
  - Small Size, Easy to Install and Use
  - Natural Cooling, Ensuring Low Environmental Noise





Real-time monitoring system

- Web • Mobile

Model INV-IND	3000	5000	6000
<b>DC Input</b>			
Maximum Photovoltaic Power (kW)	4	5.8	6.5
Maximum Input Voltage (Vdc)	600		
Maximum PV Input Current (A)	11 / 11		
No. of MPPTs / Strings	2/2		
MPPT Voltage Range (Vdc)	100 - 550		
Startup Voltage (Vdc)	120		
MPPT Efficiency	99.90%		
<b>Output AC</b>			
Nominal AC Voltage (Vac)	220 / 230		
Nominal AC Output Power (kW)	3	5	6
Maximum Output Power (kW)	3.3	5.5	6.0
Rated Output Current (A)	13.6	22.7	27.3
Maximum Output Current (A)	15.0	25.0	27.3
Nominal Grid Frequency (Hz)	50 / 60		
Grid Frequency Range (Hz)	45 - 55 / 55 - 65		
Power Factor	> 0.99 (full load)		
PF Adjustable Range	0.8 (leading) - 0.8 (lagging)		
THDi	<3% (nominal power)		
<b>Efficiency</b>			
Maximum Efficiency (%)	98.1	98.3	
European Efficiency (%)	97.7	97.9	
<b>Protection</b>			
Anti-islanding	Yes		
DC Reversed Connection	Yes		
AC ShortCircuit	Yes		
Temperature	Yes		
Surge Protection	Yes		
DC Switch	Yes		
PV Fault Deflect	Yes (optional)		
<b>Others</b>			
Dimensions: height x width x depth (mm)	360 x 420 x 125		
Weight (kg)	12.6		
IP Grade	IP65		
Self Power Consumption (W)	<1		
Cooling Mode	Natural cooling		
Maximum Operating Altitude (m)	4,000 (>2,000 derating)		
Operating Temperature Range (°C)	- 40 - 60		
Operating Humidity Range	0 - 95% ( non condensing)		
Display	LCD + LED		
Communication	RS485/WiFi /GPRSRS485/WiFi (optional)/GPRS (optional)		

The specifications are subject to changes and modifications without prior notice, due to our commitment of continuous improvement of reliability, design and functionality of our products