

HYBRID INVERTER



EURONET

Features

- Pure sine wave solar inverter
- Meet rich customized demands
- Built-in anti-dust kit for harsh environment
- Solar energy is provided directly to the load first
- Smart battery charge design to optimize battery life



TECHNICAL SPECIFICATIONS

EURO 1.0 KW

Model	EU-IN-1.0KW
RATED POWER	1000W/1000VA
AC Input	
Voltage	230VAC
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)
Frequency Range	50 Hz/60Hz(Auto sensing)
AC OUTPUT	
AC Voltage Regulation	230VAC $\pm$ 5%
Surge Power	2000 VA
Efficiency(Peak)PV to INV	98%
Efficiency(Peak)Battery to INV	94%
Transfer Time	10 ms
BATTERY	
Battery Voltage	12VDC
Floating Charge Voltage	13.5VDC
Overcharge Protection	16VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	600W
MPPT Range @ Operating Voltage	20~150VDC
Maximum PV Array Open Circuit Voltage solar	150VDC
Maximum Solar Charge Current	40A
Maximum AC Charge Current	40A
Maximum Charging Current (Solar+AC)	80A
PHYSICAL	
Dimension,D*W*H(mm)	290*240*91
Carton Dimension,D X W XH(mm)	340*295*145
Net Weight(kgs)	3
Gross Weight(kgs)	3.5
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non ~ condensing)
Operating Temperature	-10°C ~ 50°C
STANDARD	
Compliance Safety	CE

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Features

- Pure sine wave solar inverter
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- Compatible with Lithium Battery
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- Wifi & GPRS Available for IOS & Android



TECHNICAL SPECIFICATIONS

EURO 1.6 KW

Model	EU IN 1.6 KW
RATED POWER	2000VA/1600W
AC Input	
Voltage	230VAC $\pm$ 5%
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)
Frequency Range	50 Hz/60Hz(Auto sensing)
AC OUTPUT	
AC Voltage Regulation	20VAC $\pm$ 5%
Surge Power	4000VA
Efficiency(Peak)PV to INV	98%
Efficiency(Peak)Battery to INV	94%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
BATTERY	
Battery Voltage	12VDC
Floating Charge Voltage	13.5VDC
Overcharge Protection	16VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	3000W
MPPT Range @ Operating Voltage	30~400VDC
Maximum PV Array Open Circuit Voltage solar	400VDC
Maximum Input Current	1/13A
Maximum Solar Charge Current	80A
Maximum AC Charge Current	60A
Maximum Charging Current (Solar+AC)	80A
PHYSICAL	
Dimension,D*W*H(mm)	357*273*95
Carton Dimension,D X W XH(mm)	435*335*165
Net Weight(kgs)	4.6
Gross Weight(kgs)	5.6
Communication Interface	RS232/GPRS/WIFI
ENVIRONMENT	
Humidity	5% to95% Relative Humidity (Non -condensing)
Operating Temperature	-10°C -50°C
STANDARD	
Compliance Safety	CE

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Features

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TECHNICAL SPECIFICATIONS

EURO 3.0 KW

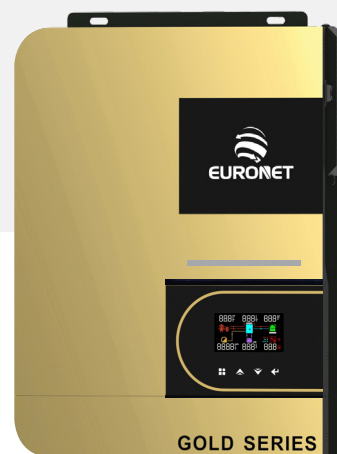
Model	EU IN 3.0 KW
RATED POWER	3200VA/3000W
AC Input	
Voltage	230VAC
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)
Frequency Range	50 Hz/60Hz(Auto sensing)
AC OUTPUT	
AC Voltage Regulation	230VAC±5%
Surge Power	6400VA
Efficiency(Peak)PV to INV	98%
Efficiency(Peak)Battery to INV	94%
Transfer Time	10 ms (For Personal Computers): 20 ms (For Home Appliances)
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	33VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	3000W
MPPT Range @ Operating Voltage	30~400VDC
Maximum PV Array Open Circuit Voltage solar	400VDC
Maximum Input Current	1/13A
Maximum Solar Charge Current	80A
Maximum AC Charge Current	60A
Maximum Charging Current (Solar+AC)	80A
PHYSICAL	
Dimension,D*W*H(mm)	357*273*95
Carton Dimension,D X W XH(mm)	440*340*170
Net Weight(kgs)	5.6
Gross Weight(kgs)	6.3
Communication Interface	RS232/GPRS/WIFI
ENVIRONMENT	
Humidity	5% to95% Relative Humidity (Non -condensing)
Operating Temperature	-10°C -50°C
STANDARD	
Compliance Safety	CE

HYBRID INVERTER



Features

- Dual output
- Output power factor 1.0
- Inverter can run without battery
- One-key restoration to factory Settings
- Pure sine wave solar inverter(on/off Grid)
- Built-in anti-dust kit for harsh environment
- WIFI&GPRS available for IOS and Android
- Built-in Lithium battery automatic activation
- Smart battery charge design to optimize battery life



TECHNICAL SPECIFICATIONS

EURO 3.6 KW

MODEL	EU-IN-3.6KW
Phase	1-phase
Maximum PV Input Power	6200W
Rated Output Power	3600W
Maximum Solar Charging Current	120A
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	60VDC/90VDC
MPPT Voltage Range	60~450VDC
Maximum Input Current	1/18A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	15.7A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	98%
TWO LOAD OUTPUT POWER	
Full Load	3600W
Maximum Main Load	3600W
Maximum Second Load(battery mode)	1200W
Maximum Load Cut Off Voltage	26VDC
Maximum Load Return Voltage	27VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90 280VAC or 170 280VAC
Frequency Range	49~51±1HZ
Maximum AC Input Current	30A
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
MPPT Voltage Range	60~450VDC
Maximum Input Current	1/18A

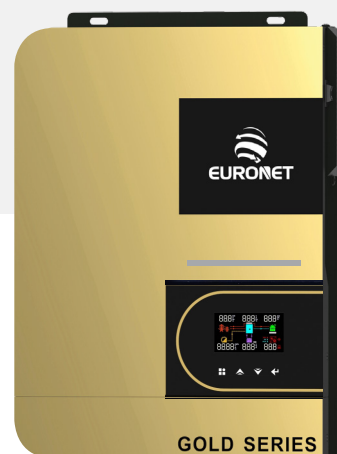
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	24VDC
Maximum Solar Charging Current	120A
Maximum AC Charging Current	100A
Maximum Charging Current	120A
HYBRID OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	60~450VDC
Maximum Input Current	1/18A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	15.7A
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	30A
Maximum AC Charging Current	100A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	420*350*110
Carton Dimension, D X W X H(mm)	500*415*180
Net Weight (kgs)	8
Gross Weight(kgs)	9
INTERACE	
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non - condensing)
Operating Temperature	-10°C ~ 50°C
STANDARD	
Compliance Safety	CE

HYBRID INVERTER



Features

- Dual output
- Output power factor 1.0
- Inverter can run without battery
- One-key restoration to factory Settings
- Pure sine wave solar inverter(on/off Grid)
- Built-in anti-dust kit for harsh environment
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- Smart battery charge design to optimize battery life



TECHNICAL SPECIFICATIONS

EURO 6.2 KW

MODEL	EU-IN-6.2KW
Phase	1-phase
Maximum PV Input Power	6500W
Rated Output Power	6200W
Maximum Solar Charging Current	120A
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	60VDC/90VDC
MPPT Voltage Range	60~450VDC
Maximum Input Current	1/22A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195 5~253VAC
Nominal Output Current	27.0A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	98%
TWO LOAD OUTPUT POWER	
Full Load	6200W
Maximum Main Load	6200W
Maximum Second Load(battery mode)	2067W
Maximum Load Cut Off Voltage	52VDC
Maximum Load Return Voltage	54VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90 280VAC or 170 280VAC
Frequency Range	49~51±1HZ
Maximum AC Input Current	40A
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
MPPT Voltage Range	60~450VDC
Maximum Input Current	1/22A

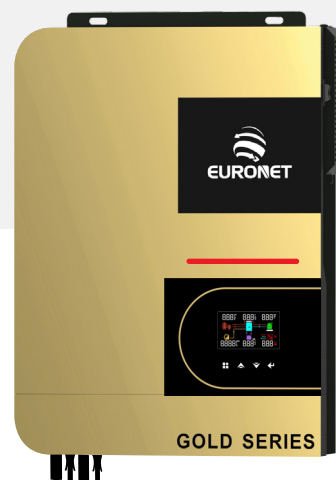
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	120A
Maximum AC Charging Current	100A
Maximum Charging Current	120A
HYBRID OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	60~450VDC
Maximum Input Current	1/22A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	27.0A
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	40A
Maximum AC Charging Current	100A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	420*350*110
Carton Dimension, D X W X H(mm)	500*415*180
Net Weight (kgs)	9
Gross Weight(kgs)	10
INTERACE	
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non ~ condensing)
Operating Temperature	-10°C ~ 50°C
STANDARD	
Compliance Safety	CE

HYBRID INVERTER



Features

- Dual output
- Dual PV input
- Touch button
- Output power factor 1.0
- On Off Grid Work Mode
- Inverter can run without battery
- One-key restoration to factory Settings
- Pure sine wave solar inverter(on/off Grid)
- Built-in anti-dust kit for harsh environment
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- Smart battery charge design to optimize battery life



TECHNICAL SPECIFICATIONS

EURO 7.2 KW

MODEL	EU-IN-7.2KW
Phase	
Maximum PV Input Power	8200W
Rated Output Power	7200W/7200VA
Maximum Solar Charging Current	140A
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	1/23A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	31.3A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	98%
TWO LOAD OUTPUT POWER	
Full Load	7200W
Maxium Main Load	7200W
Maxium Second Load(battery mode)	2400W
Maxium Load Cut Off Voltage	52VDC
Maxium Load Return Voltage	54VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-280VAC
Frequency Range	49~51±1HZ
Maximum AC Input Current	40A
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	1/23A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	94%

BATTERY & CHARGER

Nominal DC Voltage	48VDC
Maximum Solar Charging Current	140A
Maximum AC Charging Current	120A
Maximum Charging Current	140A

HYBRID OPERATION

PV INPUT (DC)

Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	1/23A

GRID OUTPUT (AC)

Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	31.3A

AC INPUT

AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-180VAC
Maximum AC Input Current	40A
Maximum AC Charging Current	120A

GENERAL

PHYSICAL

Dimension, D x W x H (mm)	500*390*130
Carton Dimension, D X W XH(mm)	588*463*205
Net Weight (kgs)	13.6
Gross Weight(kgs)	14.9

INTERACE

Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY
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ENVIRONMENT

Humidity	5% to 95% Relative Humidity(Non ~ condensing)
Operating Temperature	-10°C ~ 50°C

STANDARD

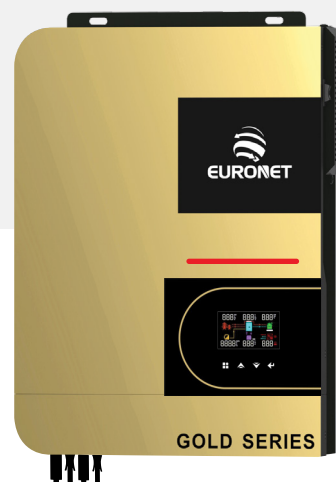
Compliance Safety	CE
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- Dual PV input
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EURO 8.2 KW

MODEL	EU-IN-8.2KW
Phase	1-phase
Maximum PV Input Power	5400W+5400W
Rated Output Power	8200W/8200VA
Maximum Solar Charging Current	160A
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	35.6A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	98%
TWO LOAD OUTPUT POWER	
Full Load	8200W
Maxium Main Load	8200W
Maxium Second Load(battery mode)	2733W
Maxium Load Cut Off Voltage	52VDC
Maxium Load Return Voltage	54VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-280VAC
Frequency Range	49~51±1HZ
Maximum AC Input Current	40A
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	94%

BATTERY & CHARGER

Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
Maximum Charging Current	160A

HYBRID OPERATION

PV INPUT (DC)

Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A

GRID OUTPUT (AC)

Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	35.6A

AC INPUT

AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-180VAC
Maximum AC Input Current	40A
Maximum AC Charging Current	140A

GENERAL

PHYSICAL

Dimension, D x W x H (mm)	500*390*130
Carton Dimension, D X W XH(mm)	588*463*205
Net Weight (kgs)	14.2
Gross Weight(kgs)	15.7

INTERACE

Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY
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ENVIRONMENT

Humidity	5% to 95% Relative Humidity(Non ~ condensing)
Operating Temperature	-10°C ~ 50°C

STANDARD

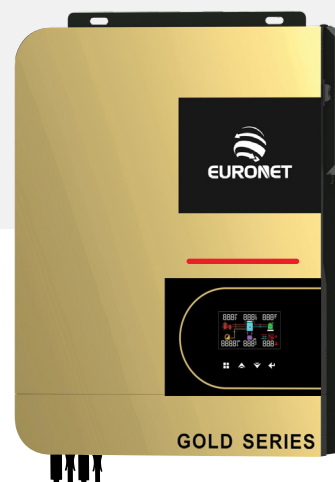
Compliance Safety	CE
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- Dual PV input
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TECHNICAL SPECIFICATIONS

EURO 10.2 KW

MODEL	EU-IN-10.2KW
Phase	1-phase
Maximum PV Input Power	5400W+5400W
Rated Output Power	10200W/10200VA
Maximum Solar Charging Current	160A
GRID-TIE OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	44.3A
Power Factor	>0.99
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	98%
TWO LOAD OUTPUT POWER	
Full Load	10200W
Maxium Main Load	10200W
Maxium Second Load(battery mode)	3400W
Maxium Load Cut Off Voltage	52VDC
Maxium Load Return Voltage	54VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-280VAC
Frequency Range	49~51±1HZ
Maximum AC Input Current	50A
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	94%

BATTERY & CHARGER	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	140A
Maximum Charging Current	160A
HYBRID OPERATION	
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360/500VDC
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90~450VDC
Maximum Input Current	2/18A
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	190~253VDC
Nominal Output Current	44.3A
AC INPUT	
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VACor170-180VAC
Maximum AC Input Current	50A
Maximum AC Charging Current	140A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	530*420*160
Carton Dimension, D X W XH(mm)	618*463*205
Net Weight (kgs)	14.7
Gross Weight(kgs)	16.2
INTERACE	
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non ~ condensing)
Operating Temperature	-10°C ~ 50°C
STANDARD	
Compliance Safety	CE