

# APS- E Solar Communications

GPRS, Wi-Fi and Ethernet Module, eSolar Logger



**GPRS Module**



**Wi-Fi Module**



**MAIN FEATURES**

- Easy to use and install with the APS Solar Inverter range
- Real-time data
- Supported across multiple platforms
- Build data for energy enhancement programs
- Control all activity of your Solar Solution

**Ethernet Module**



**eSolar Logger**



1/16 Juna Drive, Malaga, WA 6090, Australia

P +61 8 9248 6398 M +61 410 365 289 E marco@antipodespower.com

www.antipodespower.com

ABN 11 616 890 183



### TECHNICAL SPECIFICATIONS

General parameters	
Connecting inverters No. [set]	1
Inverter communication port	RS232
Remote communication port	GPRS
Operating frequency [MHz]	850/900/1800/1900
Transmitted power	Class 4 (2W) GSM850、EGSM900/Class 1(1W) DCS1800、PCS1900
Data collection interval[min]	1~30 [Optional], 10 [Standard]
Firmware update method	Serial port / Remote
Access data method	Integrated webpage / Remote sever
Status display	2*LED
Electric parameter	
Input Voltage	DC 5V (±3%)
Static consumption [W]	<1
Max. instant consumption [W]	<8
Environment	
Operating temperature range	-40°C~+85°C
Storage temperature range	-45°C~+90°C
Dimensions [H*W*D][mm]	84*65*22
Weight [g]	80
Ingress protection	IP65
Others	
Mounting method	Plug-in+Screw lock
Warranty [Year]	2[Standard] / 5[Optional]

### GPRS Module



Stable and reliable mobile operation



Easy to maintain plug-in connection



1-10 year optional data package



Online recharge support



Remote Support



### TECHNICAL SPECIFICATIONS

General parameters	
Connecting inverters No. [set]	1
Inverter communication port	RS232
Remote communication port	Wi-Fi
Operating frequency [MHz]	2.4
Transmitted power	<0.5
Data collection interval[min]	100
Firmware update method	1~30 [Optional], 10 [Standard]
Access data method	Serial port / Remote
Status display	Integrated Webpage / Remote sever
Electric parameter	
Input Voltage	DC 5V (±5%)
Static consumption [W]	<1
Max. instant consumption [W]	<8
Environment	
Operating temperature range	-40°C~+85°C
Storage temperature range	-45°C~+90°C
Dimensions [H*W*D][mm]	84*65*22
Weight [g]	80
Ingress protection	IP65
Others	
Mounting method	Plug-in+Screw lock
Warranty [Year]	2[Standard] / 5[Optional]

### Wi-Fi Module



Convenient  
Wi-Fi  
connection



Easy to maintain  
plug-in  
connection



Quick  
configuration



Real-time  
data



Remote  
Support



### TECHNICAL SPECIFICATIONS

General parameters	
Connecting inverters No. [set]	1
Inverter communication port	RS232
Remote communication port	Wi-Fi
Data collection interval[min]	2.4
Firmware update method	<0.5
Access data method	100
Status display	1~30 [Optional], 10 [Standard]
Electric parameter	
Input voltage	DC 5V (±5%)
Static consumption [W]	<0.6
Max. instant consumption [W]	<2
Environment	
Operating temperature range	40°C~+85°C
Storage temperature range	-45°C~+90°C
Dimensions [H*W*D][mm]	116*65*27
Weight [g]	84
Ingress protection	IP65
Others	
Mounting method	Plug-in+Screw lock
Warranty [Year]	2[Standard] / 5[Optional]

## Ethernet Module

Connect to  
RJ45

Plug and Play

Real-time  
data

Waterproof

Remote  
Support





## TECHNICAL SPECIFICATIONS

### General parameters

Inverter communication interface	RS485 / Ethernet
Remote communication interface	RJ45 / Wi-Fi [Optional] / GPRS[Optional]
Max.number of SAJ devices	16 (RS485) / 252 (Ethernet)
Max.communication range	1000m (RS485); 100m (Ethernet); 100m (Wi-Fi)
Memory [GB]	8 [Support SD/TF card]
Interface	Integrated web page display

### Electric parameters

Power supply	External power supply
Input voltage / Frequency range	100V - 240V, 50 / 60Hz, AC
Power consumption	<2W

### Environment

Ambient temperature range	-25°C ~ +60°C
Ambient humidity range	5% ~ 95%
Dimensions [H*W*D] [mm]	36*180*130
Weight [g]	270
Ingress protection	IP21

### Others

Warranty [year]	2 [Standard] / 5 [Optional]
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## eSolar Logger

Monitor multiple inverters

Multi-level network support

Wi-Fi/ GPRS/ Ethernet Communication

Real-time data

SD/TF Card Support