

BSP WIFI/ BSP GPRS



BSP Wifi Features::

- ❖ 100-meter wireless connection.
- ❖ Easy to use Plug-and-play commissioning, cable-free.
- ❖ Free online monitoring via BSP Server at bsp.alena-energy.com.

BSP GPRS Features:

- ❖ 2G,3G network monitoring.
- ❖ Easy to use Plug-and-play commissioning, cable-free.
- ❖ Free online monitoring via BSP Server at bsp.alena-energy.com
- ❖ Build-in remote control ON/OFF inverter.



ALENA ENERGY CO., LTD.

208, Nguyen Trai Street, Pham Ngu Lao Ward, District 1, Ho Chi Minh City, Viet Nam

TEL: (+84) 28.39.2626.83 / FAX: (+84) 28.39.2626.82 / Email: info@alena-energy.com / www.alena-energy.com

CE Certified

BSP WIFI

General Data

Dimensions (Length/width/Height): 135/79/29 mm
 Weight: 63g
 Language: English

Wireless Parameters

Certification: FCC/CE
 Wireless Type: WiFi
 Wireless Standard: 802.11 b/g/n
 Transmit Power: 802.11b: +20dBm(Max.);
 802.11g: +18dBm(Max.); 802.11n: +15dBm(Max.)
 Receiver Sensitivity: 802.11b: -89dBm(Max.);
 802.11g: -81dBm(Max.); 802.11n: -71dBm(Max.)

Hardwar/Software Parameters

Data Interface: UART: 9600bps; Ethernet: 100Mbps
 Operating Voltage: 9V (+/-15%)
 Operating Current: 100mA ~ 300mA
 Operating Temperature: -25 oC -> +55 oC
 Storage Temperature: -30 oC-> +60 oC
 Network Type: AP (Access Point); Station Mode
 Security Mechanisms: WEP / WPA-PSK / WPA2-PSK / WAPI
 Encryption: WEP64 / WEP128 / TKIP / AES
 WLAN Default IP: 192.168.10.100

Server: BSP

Inverter Communication: RS232
 Sever Communication: WiFi via route
 Supported Routers: Wireless router
 User Configuration Interface: Wireless web server
 Max. Communication Range: 100m
 Data Transfer Interval: 5 minutes
 Default Server URL: BSP.ALENA-ENERGY.COM

BSP GPRS

General Data

Dimensions (Length/width/Height): 135/79/29 mm
 Weight: 63g
 Language: English

Wireless Parameters

Certification: FCC/CE
 Wireless Type: GPRS
 GSM/GPRS/EDGE Frequency Range: 850/900/1800/1900 MHz
 Antenna Gain: 3dbi
 Max. Output Power: GSM850/GSM900: 2W;
 DCS1800/PCS1900: 1W

Hardwar/Software Parameters

Serial Port Speed: 9600bps
 Operating Voltage: 9V (+/-15%)
 Operating Current: 1.5A
 Operating Temperature: -40 oC ~ +85 oC
 Storage Temperature: -40 oC ~ +85 oC

Server: BSP

Inverter Communication: RS232
 Sever Communication: TCP
 Configuartion Interface: APP
 SIM Type: Regular SIM card
 Uploading Interval: 5 Mins (1~15 adjustable)
 Default Server URL: BSP.ALENA-ENERGY.COM

CERTIFICATE

EBO

CERTIFICATE OF CONFORMITY

No.: EBO1805086-V171-1

The following product has been tested by us with the listed standards and found in conformity with the European directive EMC 2014/30/EU and LVD 2014/35/EU.

Applicant: ALENA ENERGY TECHNOLOGY CO., LTD
 Address: 208, Nguyen Trai Street, Pham Ngu Lao Ward, Dist.1, HCMC., Viet Nam

Manufacturer: ALENA ENERGY TECHNOLOGY CO., LTD
 Address: 208, Nguyen Trai Street, Pham Ngu Lao Ward, Dist.1, HCMC., Viet Nam

EUT: SMART INVERTER
 Brand Name: BYSOLARPOWER
 Model No.: BSP 5S, BSP 4S
 Test Report No.: EBO1805086-E169-1
 EBO1805086-E170-1

Sufficient samples of the product have been tested and found to be in conformity with Test Standards:
 EN 55032:2015
 EN 55024:2010+A1:2015
 EN 62109-1:2010
 EN 62109-2:2011

The test report was carried out from submitted type samples of a product in conformity with the specification of the respective standards. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

Kevin Wang
 Laboratory Manager
 Issue Date: August 20, 2018



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