



MODEL: V2P53
FCC ID: X6W-V2P53

V2P53 – WLAN board is a factory optionally assembled communication board proper to be used for instance on UNO-DM-PLUS inverter series but not limited to this product family. This communication board provides the following features:

- Wireless bidirectional communication 802.11 b/g/n compliant;
- Dual mode, access point + station;
- Data logging capabilities;
- 4GByte Flash disk storage;
- Integrated web server

It is a plugable board directly connected to UNO-DM-PLUS logic board through a dedicated connector.

Its installation on inverter is typically done by factory, but when installed as a spare part in a repairing process, the installation has to be executed by trained personnel only.

The board is powered by the inverter.

Proper connector for antenna is available on board.

The board uses a Murata LBWA17DZX6, an 802.11b/g/n WLAN module built around the Cypress chipset.

Technical data are in following table.

In the block diagram are shown in/out buses and signals.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Installer should take care that Regulatory Label applied on the Host Equipment includes the following: Contains FCC ID: X6W-V2P53.

This device shall be used such that a minimum separation distance of 20cm/7,87" is maintained between the radiator (antenna) and user's/nearby people's body.

Item	Value	Note
Product name	V2P53	WLAN Board
Connections		
Connector to UNO-DM Logic board	18 male pin connector	Power + Inverter Hyperlink
	6 male pin connector	USB
Input / Output		
Inverter Hyperlink	RS485 / CAN	
USB	USB 2.0	
RF	802.11 b/g/n	UFL connector
Supply		
Power supply	From the inverter logic board, 12V	
Physical		
Environmental Protection Class	Bare pcb to be assembled into UNO-DM inverters	
Dimensions mm (HxDxW)	50mmx42mmx7mm (SMD top and bottom)+connector	
Installation	Inverter shall be completely powered off for at least 5 minutes to let any voltage reduced to a safe level; plug in the board; secure the board to the provided click stand offs.	Installation and operation shall be executed by trained personnel only. Please read this instructions before operate installation or dismantling.
Certifications		
Marking	FCC ID X6W-V2P53	
Safety and EMC Standard	FCC part 15	

