



The power behind competitiveness

# Delta Home Series

Single Phase Solar Inverter  
H3

## Product Features

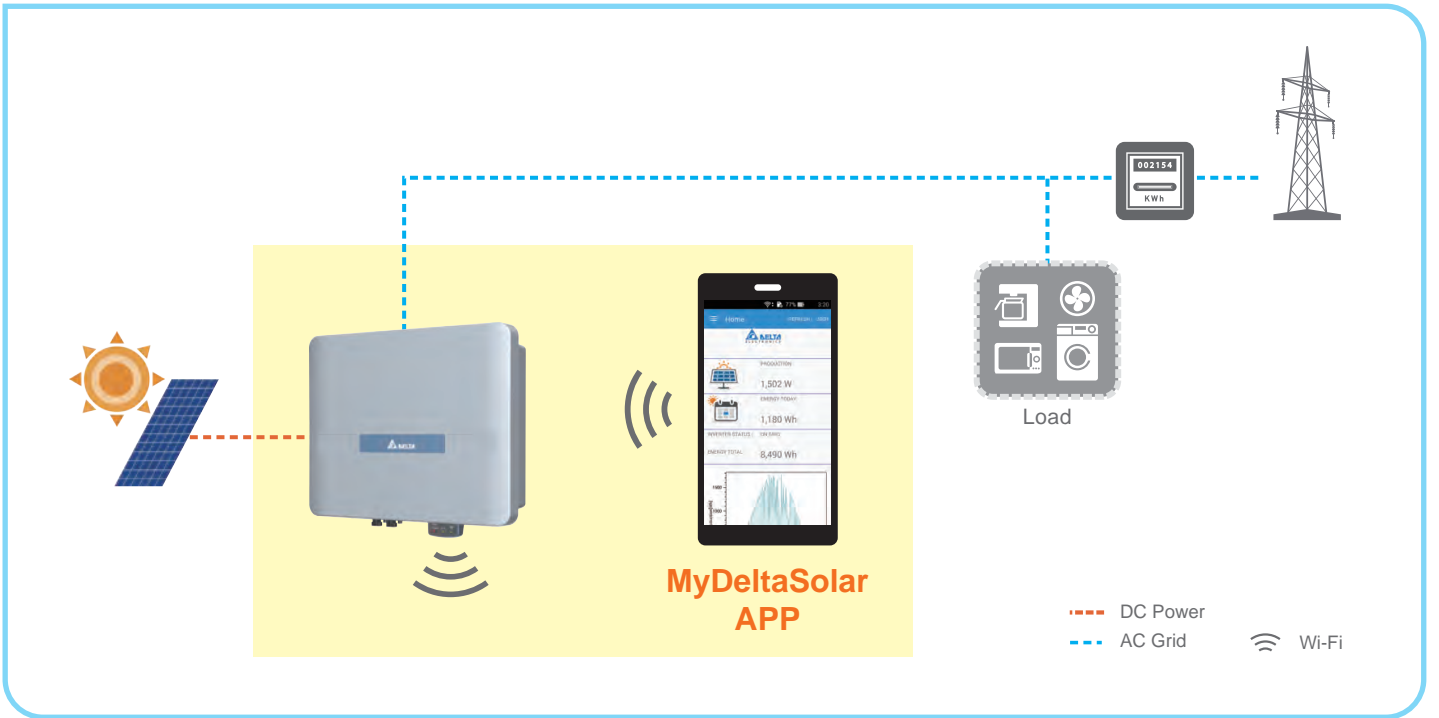
- Wide input range 30~600Vdc
- Max. efficiency up to 97.5%
- Ultra light weight
- Inbuilt Wi-Fi communication
- Commissioning via App (iOS/Android)
- MyDeltaSolar cloud online monitoring
- Low noise emission with only 20dB
- IP65 protective level

[www.deltaelectronicsindia.com](http://www.deltaelectronicsindia.com)

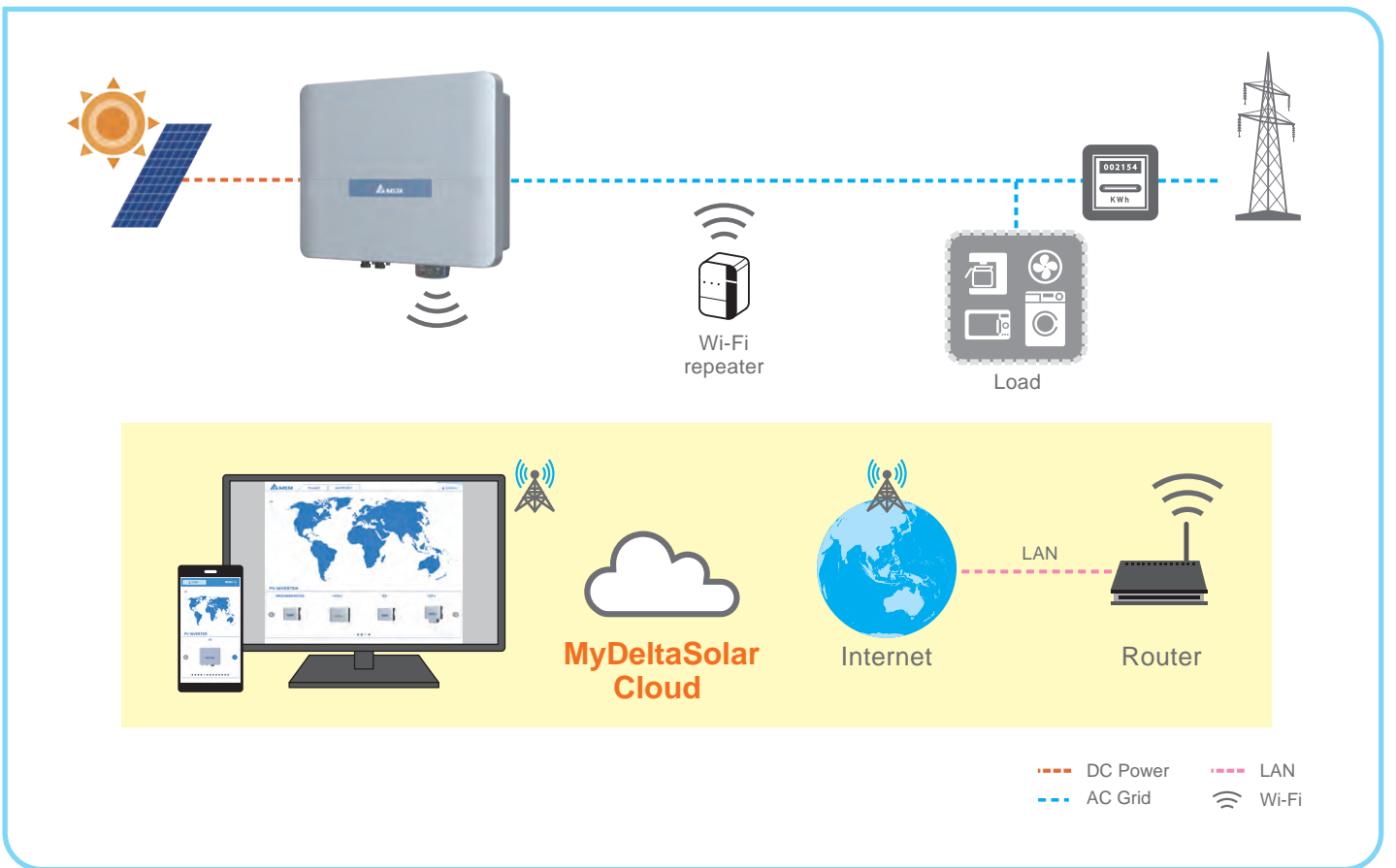


**DELTA**  
Smarter. Greener. Together.

# APP System Diagram



# Cloud System Diagram



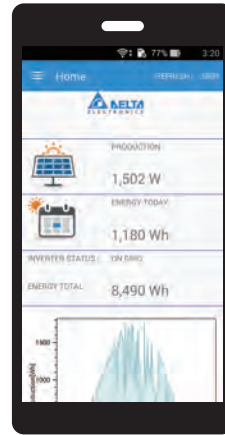
# MyDeltaSolar WIRELESS SOLUTION

## APP

Installation & Setting via Wi-Fi.

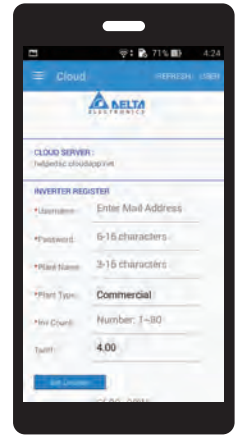


Install



Home

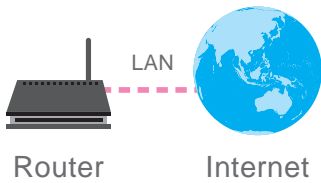
and



Setting

## Cloud

Monitor inverter anytime, anywhere.



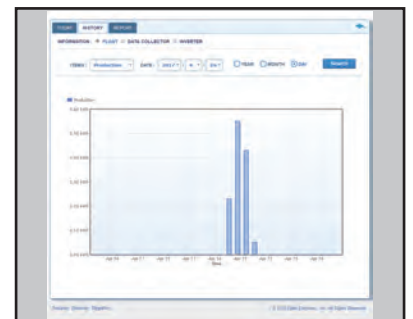
or



MANAGEMENT



ENERGY



HISTORY



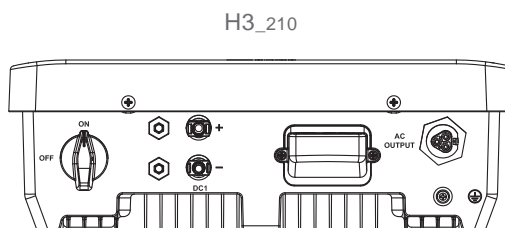
- MyDeltaSolar cloud offers home user an online monitoring service
- Proactive e-mail notification during inverter alarm (i.e. ground fault alarm)

## Technical Specifications

|                              |                                    |               |              |                |
|------------------------------|------------------------------------|---------------|--------------|----------------|
| Model                        | H3_210                             |               |              |                |
| <b>Input (DC)</b>            |                                    |               |              |                |
| Max. input voltage           | 600V                               |               |              |                |
| Operation voltage range      | 30-550V                            |               |              |                |
| MPP range with Max. power    | 290-500V                           |               |              |                |
| Start up voltage             | >35V                               |               |              |                |
| Rated voltage                | 360V                               |               |              |                |
| Max. input current           | 11A                                |               |              |                |
| MPP tracker                  | 1                                  |               |              |                |
| Connection type              | MC4 1 pair                         |               |              |                |
| DC switch                    | Yes                                |               |              |                |
| <b>Output (AC)</b>           |                                    |               |              |                |
| Max. output power            | 3000W / 3000VA                     |               |              |                |
| Max. output current          | 14.3A                              |               |              |                |
| Rated voltage                | 220/230V                           |               |              |                |
| AC voltage range             | 180-280V                           |               |              |                |
| Frequency range              | 50/60Hz (± 5Hz)                    |               |              |                |
| THD                          | <3% at Rated Power                 |               |              |                |
| Reactive power               | 0.8 Ind ~ 0.8 Cap                  |               |              |                |
| Night time power consumption | <2W                                |               |              |                |
| <b>Efficiency</b>            |                                    |               |              |                |
| Peak efficiency              | 97.5%                              |               |              |                |
| Euro efficiency              | 97.0%                              |               |              |                |
| <b>Information</b>           |                                    |               |              |                |
| Communication                | Wi-Fi                              |               |              |                |
| Indicator                    | LED                                |               |              |                |
| Display                      | MyDeltaSolar APP ( iOS / Android ) |               |              |                |
| Cloud                        | MyDeltaSolar Cloud                 |               |              |                |
| Alarm                        | Mail Notification                  |               |              |                |
| <b>Certification</b>         |                                    |               |              |                |
|                              | VDE-AR-N 4105                      | AS4777.2:2015 | EN 61000-6-2 | IEC 62109-1/-2 |
|                              | VDE 0126-1-1/A1                    | EN50438       | EN 61000-6-3 | G83/2          |
| <b>General Data</b>          |                                    |               |              |                |
| Operating temp. range        | -25°C ~ 60°C                       |               |              |                |
| Protection level             | IP65                               |               |              |                |
| Noise emission, typical      | 20dB (A)                           |               |              |                |
| Operating elevation          | <2000m                             |               |              |                |
| Cooling                      | Natural cooling                    |               |              |                |
| Dimensions (W x H x D) (mm)  | 380 x 318 x 130                    |               |              |                |
| Weight (kg)                  | 9.2                                |               |              |                |

- All specifications are subject to change without prior notice.

## Inverter Interfaces



**For Any Sales / Application Engineering Support, Please Contact :**

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