

## **Delta Home Series**

# Single Phase Solar Inverter H2.5 / H3 / H3A / H4A / H5A

Delta's high-efficiency single phase solar inverter packs a punch with its ultra-low start up voltage and small footprint making it ideal for residential PV applications where maximum versatility and energy production is crucial to your return on investment.



1300 335 823 www.deltapvi.com.au



## **Features & Benefits**



## **Ultra-Low Start Up Voltage**

Maximum flexibility and optimum yield from the PV plant is ensured thanks to a wide input voltage range of 30 to 600V.



## Integrated Wi-Fi

Built-in-Wi-Fi communication allows for remote monitoring using the MyDeltaSolar mobile app available for iOS and Android.



#### **Compact Design**

The compact design only weights up to 11.8kg allowing for easy installation and transportation.



#### **Robust Enclosure**

The IP65 rated aluminum housing ensures long lasting protection against moisture and corrosion.

## **Warranty**



All inverters undertake extensive quality control testing and come with a standard 5 year warranty with the option of an extended 10 year replacement warranty.

## **MyDelta Solar App**

## Download MyDeltaSolar app and see your solar savings in real time!

- Monitor your solar system with a live feed of energy production.
- Compare daily / monthly / yearly production with a history log.
- Freely track your solar savings through the app or our website from any enabled network location.
- Get notification alerts for system faults that may impact your solar production.
- Enable hassle free Firmware Updates and Debugging.
- Fleet Monitoring available to ensure maximum operational efficiency.



Scan the QR code below with your mobile phone, or type <a href="http://l.ead.me/bavtYd">http://l.ead.me/bavtYd</a> in your mobile's internet browser to download the app and get started.



## Wi-Fi Module



## Wi-Fi:

steady - the Wi-Fi module is on data transmission

## • Grid:

flashing - the inverter is on countdown status, before connecting to grid steady - he inverter is connected to the grid

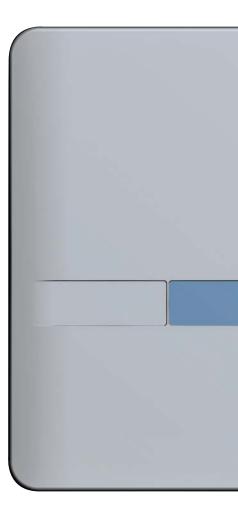
## • Earth Fault Alarm:

flashing / steady indicates error or fault

## **Technical Specifications**

Model	H2.5_211	H3_211	H3A_221	H4A_221	H5A_221	
Input (DC)						
Max. input voltage	500V 600V					
Operation voltage range	30-500V 30-550V					
MPP range with Max. power	240-470V	290-500V	180-500V	240-500V	240-500V	
Start up voltage	>35V					
Rated voltage	360V					
Max. input current	11A		11Adc for each / 18Adc for total		11Adc for each / 22Adc for total	
MPP tracker		1	2			
Connection type	MC4	1 pair		MC4 2 pairs		
Output (AC)						
Max. output power	2500W / 2500VA	3000W / 3000VA		4000W / 4000VA	5000W / 5000VA	
Max. output current	13.9A	14.3A		18.6A	24A	
Rated voltage	220/230V					
AC voltage range	180-280V					
Frequency range	50/60Hz (± 5Hz)					
THD	<3%					
Reactive power	0.8 Ind ~ 0.8 Cap					
Night time power consumption	<2W					
Efficiency						
Peak efficiency	97.5%				98.3%	
Euro efficiency	97.0%				98.0%	
Information						
Communication	Wi-Fi					
Indicator	LED					
Display	MyDeltaSolar APP ( iOS / Android )					
Cloud	MyDeltaSolar Cloud					
Alarm	Mail Notification					
Certification						
	VDE-AR-N 4105	AS4777.2	2:2015 EN 610	00-6-2 IE	C 62109-1/-2	
	VDE 0126-1-1/A				33/2	
General Data						
Operating temp. range			-25°C ~ 60°C			
Protection level	IP65					
Noise emission, typical	20dB (A)					
Operating elevation	<2000m					
- ·	Natural cooling					
Cooling	· ·					
Dimensions (W × H × D) (mm)			380 x 318 x 130			







Delta Electronics (Australia) Pty Ltd 20-21 / 45 Normanby Rd, Notting Hill VIC 3168 (03) 9543 3720 info@delta-es.com.au www.deltapvi.com.au

