



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.



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www.deltapvi.com.au



DELTA
Smarter. Greener. Together.

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

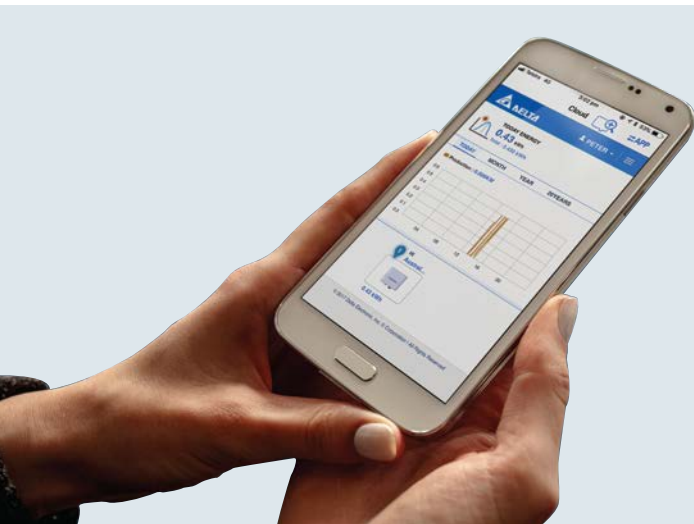


All inverters undertake extensive quality control testing and come with a standard 5 year warranty with the option of an extended 10 year replacement warranty.

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 <http://l.ead.me/bavtYd> 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 - the 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 VDE 0126-1-1/A1	AS4777.2:2015 EN50438	EN 61000-6-2 EN 61000-6-3	IEC 62109-1/-2 G83/2	
General Data					
Operating temp. range	-25°C ~ 60°C				
Protection level	IP65				
Noise emission, typical	20dB (A)				
Operating elevation	<2000m				
Cooling	Natural cooling				
Dimensions (W × H × D) (mm)	380 x 318 x 130				
Weight (kg)	9	9.1	9.7	10.5	11.8

All specifications are subject to change without prior notice.



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