



First to rise, last to sleep.

Delta's high-efficiency single phase solar inverter packs punch with its ultra-low start up voltage and tiny footprint making it ideal for residential PV applications where maximum versatility and profitability are crucial.



Delta Home Series

Single Phase Solar Inverter

H2.5 / H3/H3A / H4A / H5A



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 600 V.



Compact Design

The compact design only weighs 11.8kg allowing for easy installation and transportation.



Integrated Wifi

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



Robust Enclosure

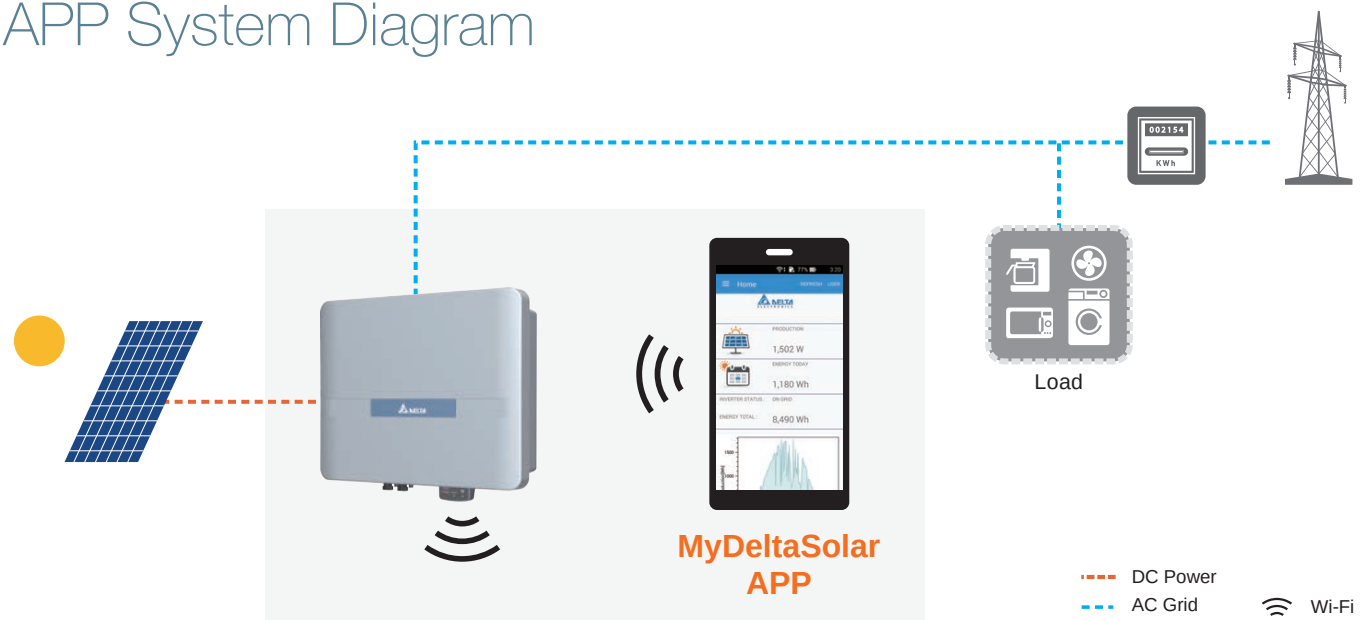
The IP65 rated aluminium housing ensures long lasting protection against moisture and corrosion.

1300 335 823

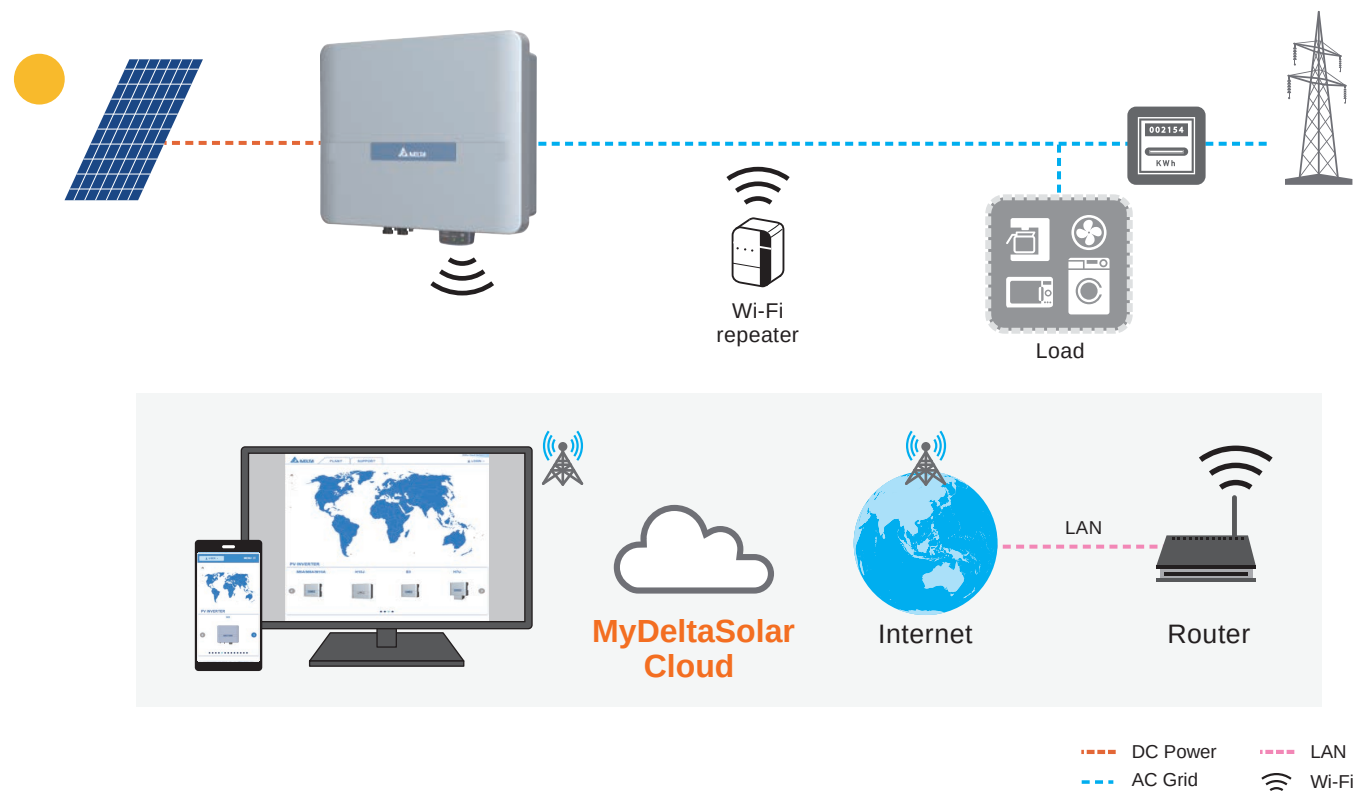
www.deltapvi.com.au

 **DELTA**
Smarter. Greener. Together.

APP System Diagram



Cloud System Diagram



MyDeltaSolar Wireless Solution

Installation & Setting via Wi-Fi.

APP



MyDeltaSolar
APP



Install



Home

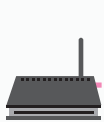
and



Setting

Monitor inverter anytime, anywhere.

Cloud



LAN



Router

Internet



MyDeltaSolar
Cloud



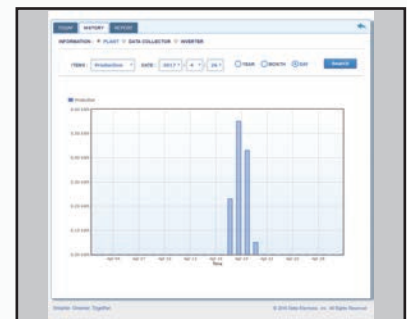
or



MANAGEMENT



ENERGY



HISTORY



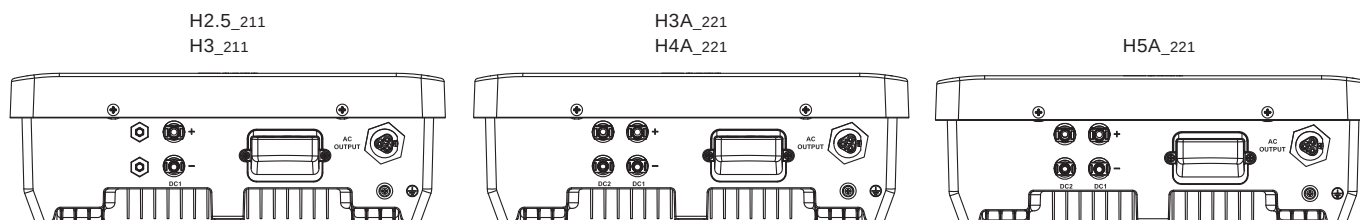
- MyDeltaSolar cloud offers home user an online monitoring service
- Proactive e-mail notification during inverter alarm (i.e. ground fault alarm)

Technical Specifications

Model	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%			98.0%
Euro efficiency		97.0%			97.5%
Information					
Communication		Wi-Fi			Wi-Fi
Indicator		LED			
Display		MyDeltaSolar APP (iOS / Android)			
Cloud		MyDeltaSolar Cloud			
Alarm		Mail Notification			
Certification					
	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	
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.

Inverter Comparison



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