



The power behind competitiveness

Delta Home Series

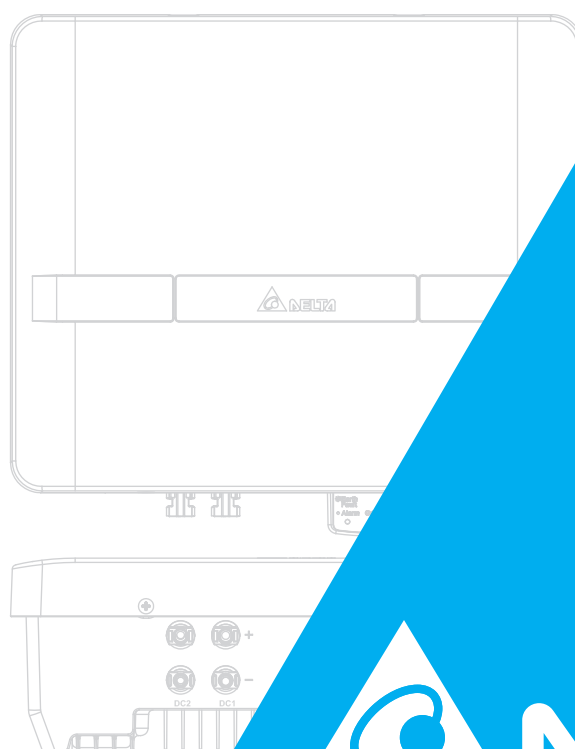
Single Phase Solar Inverter

H2.5 / H3

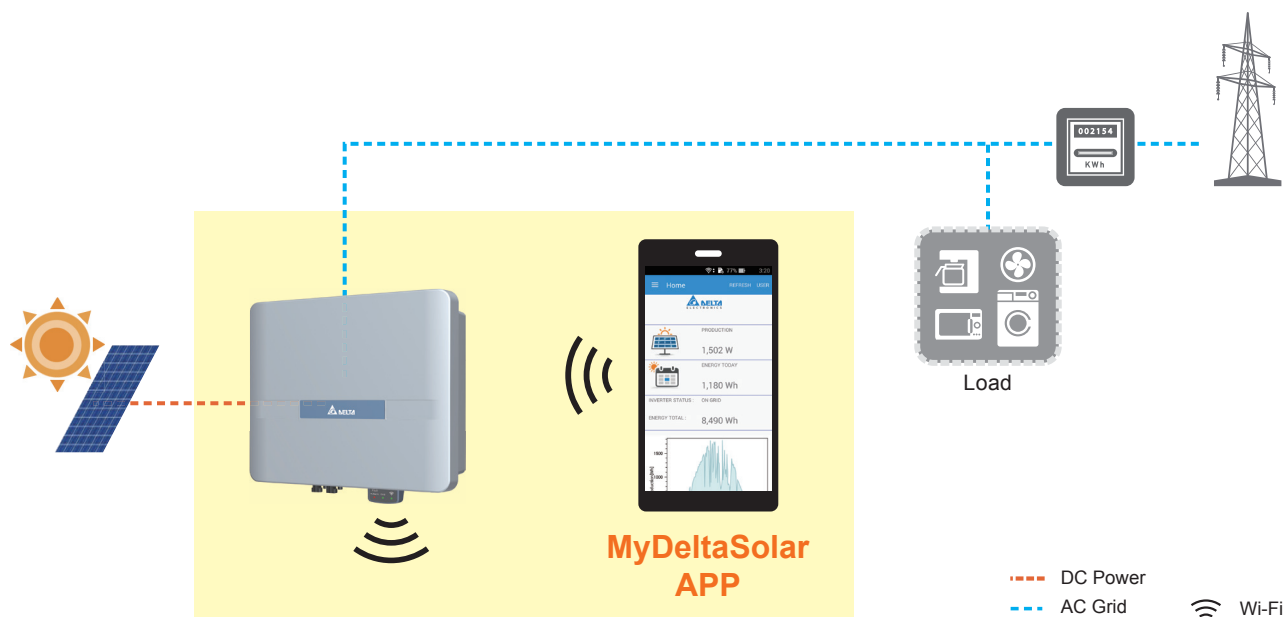
H3A / H4A / H5A

Product Features

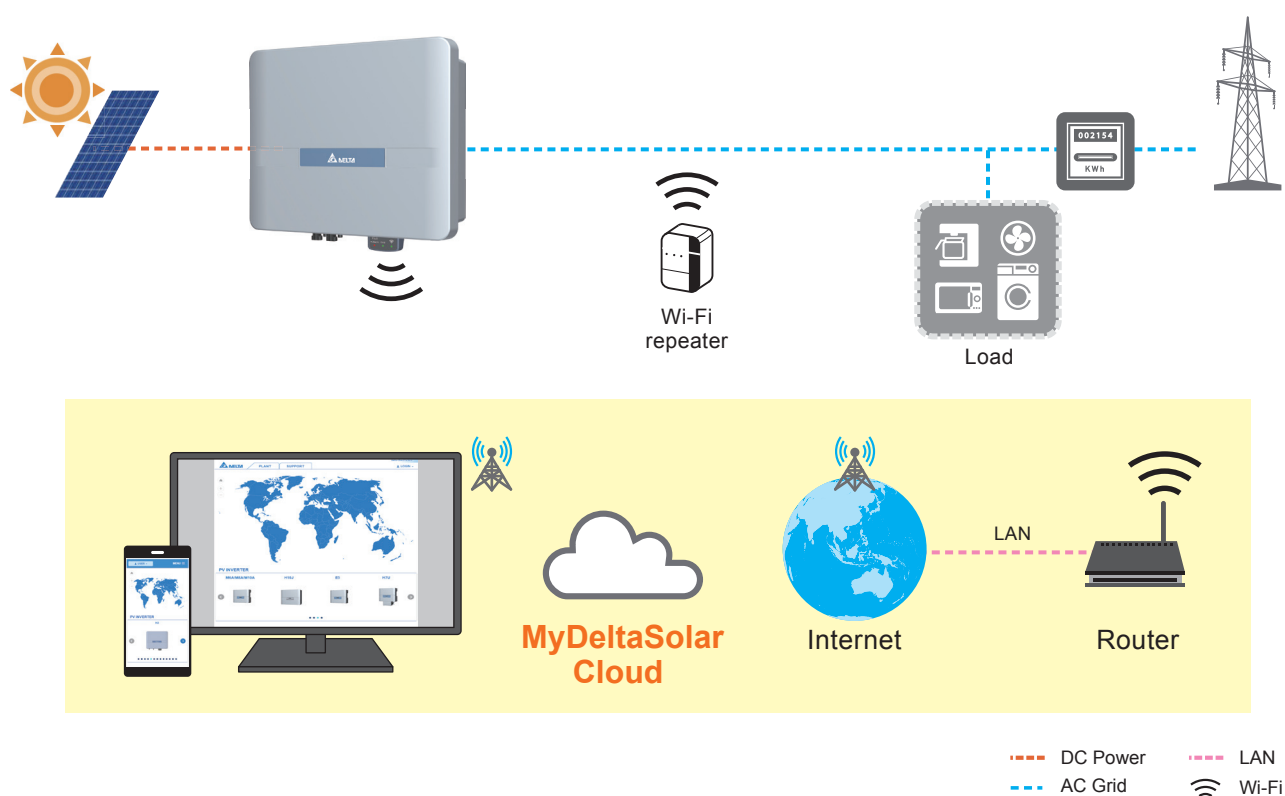
- Wide input range 30~600Vdc
- Max. efficiency up to 98.0%
- Ultra light weight
- Inbuilt Wi-Fi communication
- Commissioning via App (iOS/Android)
- MyDeltaSolar cloud online monitoring
- Low noise emission with only 20 dB
- IP65 protective level



APP System Diagram



Cloud System Diagram



MyDeltaSolar WIRELESS SOLUTION

APP

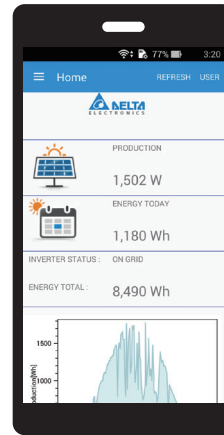
Installation & Setting via Wi-Fi.



MyDeltaSolar
APP

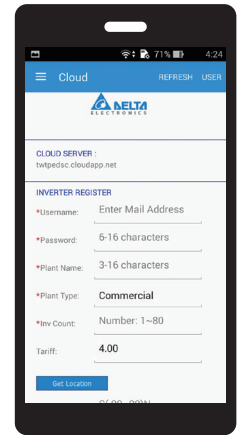


Install



Home

and



Setting

Cloud

Monitor inverter anytime, anywhere.



LAN



Internet



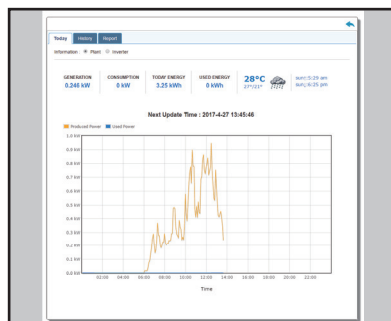
MyDeltaSolar
Cloud



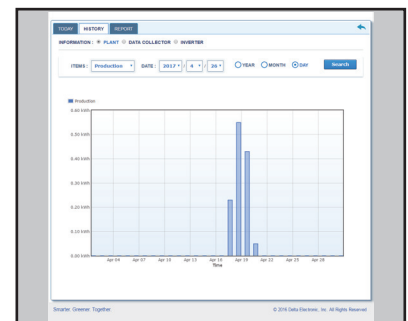
or



MANAGEMENT



ENERGY



HISTORY



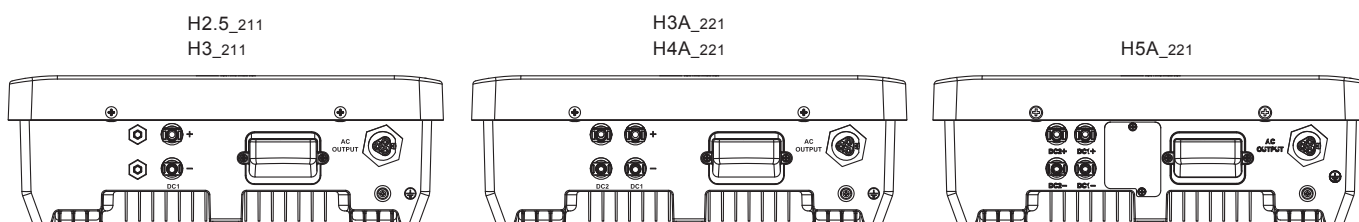
- MyDeltaSolar cloud offers home user an online monitoring service
- Proactive e-mail notification during inverter alarm (i.e. ground fault alarm)

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 / RS-485 (optional)
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



DELTA ENERGY SYSTEMS

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