



PV INVERTER

Home Series / H2.5, H3, H3A, H4A, H5A

Product Features

- Wide input range from 30 to 600 Vdc
- Max. efficiency up to 98.3%
- Ultra light weight for easy installation and space-saving
- Built-in Wi-Fi communication
- Commissioning via App (iOS / Android)
- MyDeltaSolar cloud for remote monitoring
- Low noise emission with only 20 dB
- IP65 protective

www.deltaww.com

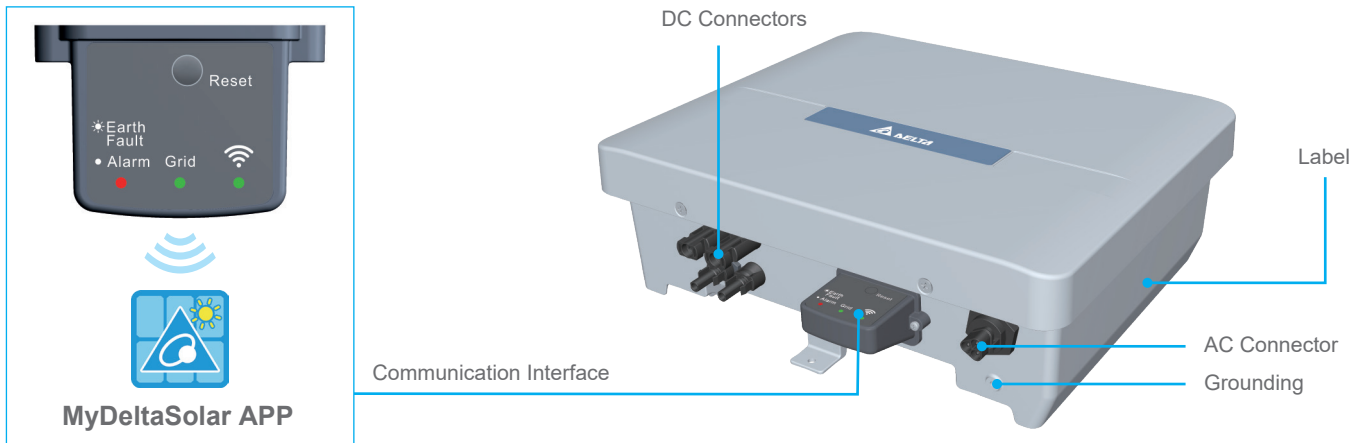


Product Overview

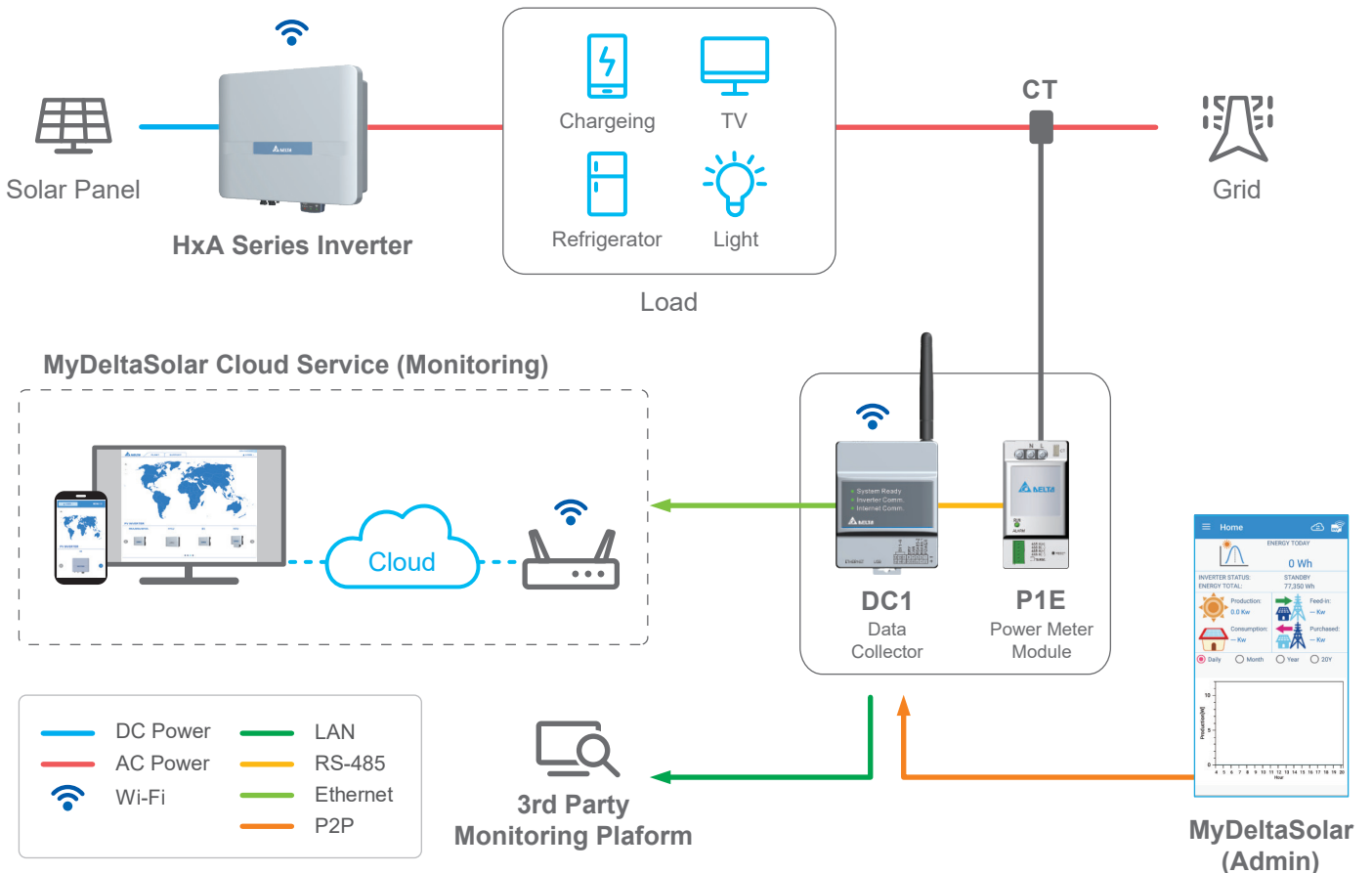
Delta provide a series of single phase solar inverters feature 2.5 to 5.0 kVA power output. H2.5-5A series were designed for home PV systems which maximum versatility and profitability are important. With its 98.3% (max.) energy efficiency and the capability for connecting to MyDeltaSolar cloud and app, H2.5-5A series can ensure management efficiency and optimum yield from PV systems.



Form Factor



System Architecture

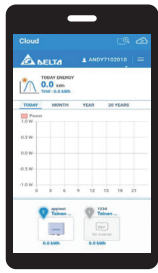


*Only one communication protocol (LAN, Ethernet, Wi-Fi) can be used at the same time

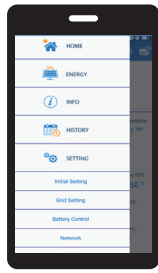
MyDeltaSolar



Install



Home



Setting



Management



Energy



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

Specifications

Model Number	H2.5_211	H3_211	H3A_221	H4A_221	H5A_221	
DC Input						
Max. Input Voltage	500 V	600 V				
Operating Voltage Range	30 - 500 V	30 - 550 V				
MPP Voltage with Max. Power	240 - 470 V	290 - 500 V	180 - 500 V	240 - 500 V	240 - 500 V	
Start Up Voltage	> 35 V					
Rated Voltage	350 V					
Max. Input Current	11 A	11Adc for each / 18Adc for total			11Adc for each / 22Adc for total	
Max. short circuit current per MPPT	15 A					
Mpp Tracker	1	2				
Connection Type	MC4 1 pair		MC4 2 pairs			
AC Output						
Max. Output Power	2500 W / 2500 VA	3000 W / 3000 VA		4000 W / 4000 VA	5000 W / 5000 VA	
Max. Output Current	13.9 A	14.3 A		18.6 A	24 A	
Rated Voltage	220 / 230 V					
AC Voltage Range	180 - 280 V					
Frequency Range	50 / 60 Hz (± 5 Hz)					
THD	< 3%					
Reactive Power	0.8 Ind ~ 0.8 Cap					
Night Time Power Consumption	< 2W					
Efficiency						
Peak Efficiency	97.5 %				98.3 %	
Euro Efficiency	96.8 %				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 EN 50438	EN 61000-6-2 EN 61000-6-3	EN 50438 EN 61000-6-2	EN 61000-6-3 IEC 62116	G83/2
General Data						
Operating Temp. Range	-25 to +60°C, full power up to 40°C					
Protection Level	IP65					
Noise Emission, Typical	20 dB (A)					
Operating Elevation	< 2000 m					
Cooling	Natural cooling					
Dimensions (W × H × D)	380 x 318 x 130 mm					
Weight	10 kg		11 kg		12 kg	

*All specifications are subject to change without prior notice



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