



## PV INVERTER

### Home Series / H5A\_222

#### Product Features

- Built in power meter/ Dry contact/ DRM port
- Support dynamic export control function
- Wide input range from 30 to 600 Vdc
- 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 protection

[www.deltaww.com](http://www.deltaww.com)



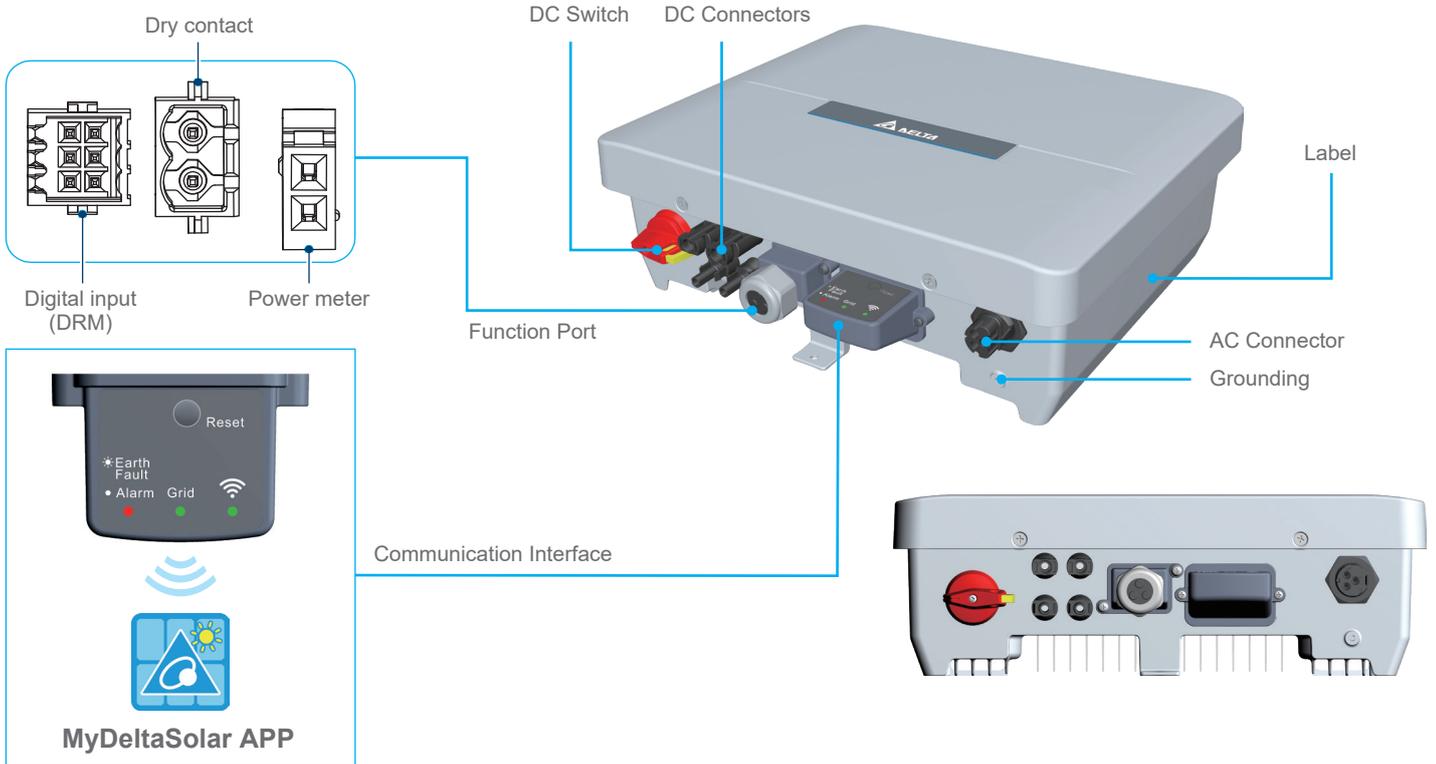
# Product Overview

Delta produce H5A\_222 solar inverter features a 5.0 kVA power output. This new single phase solar inverter is designed for residential PV applications where maximum versatility and profitability are important.

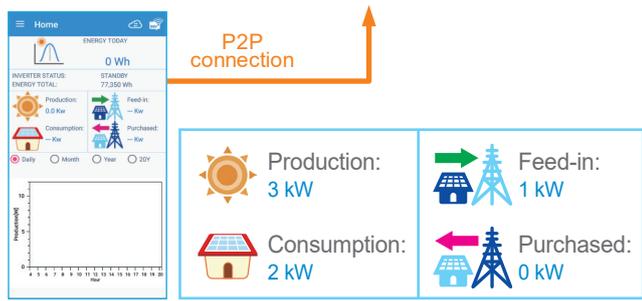
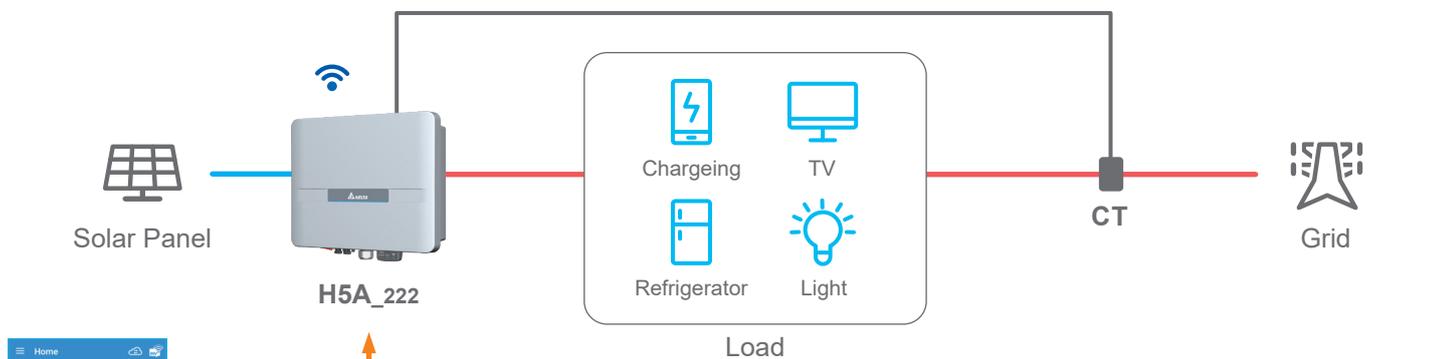
With built-in power meter design to fulfill dynamic power export control requirement and optimize the system cost. From the home screen of MyDeltaSolar APP, user can easily see all the power flow information such as buying and selling power at once.



# Form Factor



# System Architecture



MyDeltaSolar (Admin)

## MyDeltaSolar Cloud Service (Monitoring)



# 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	H5A_222		
<b>DC Input</b>			
Max. Input Voltage	600 V		
Operating Voltage Range	30 - 500 V		
MPP Voltage with Max. Power	240 - 500 V		
Start Up Voltage	> 35 V		
Rated Voltage	350 V		
Max. Input Current	11Adc for each / 22Adc for total		
Mpp Tracker	2		
Connection Type	H4, 2 pairs		
DC Switch	Yes		
<b>AC Output</b>			
Max. Output Power	5000 W / 5000 VA		
Max. Output Current	23 A		
Rated Voltage	220 / 230 V		
AC Voltage Range	180 - 280 V		
Frequency Range	50 / 60 Hz (± 5 Hz)		
T.H.D	< 3%		
Reactive Power	0.8 Ind ~ 0.8 Cap		
Night Time Power Consumption	< 2W		
<b>Efficiency</b>			
Peak Efficiency	97.5 %		
Euro Efficiency	96.8 %		
<b>Information</b>			
Power Meter	Built-in		
Communication	Wi-Fi		
Indicator	LED		
Display	MyDeltaSolar APP ( iOS / Android )		
Cloud	MyDeltaSolar Cloud		
Alarm	Mail Notification		
<b>Certification</b>			
	AS4777.2:2015 IEC 61683	EN 61000-6-2 IEC62116	EN 61000-6-3 IEC61727
<b>General Data</b>			
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	12 kg		

\*All specifications are subject to change without prior notice





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