



## PV INVERTER

### Home Series / H5A\_222

#### Product Features

- Wide input range from 30 to 600 Vdc
- Built in Smart Meter / Dry Contact / DRM Port
- Ultra light weight for easy installation and space-saving
- Built-in Wi-Fi communication
- MyDeltaSolar cloud for remote monitoring
- Low noise emission upto 20 dB
- IP 65 Rated



[www.deltapvi.com.au](http://www.deltapvi.com.au)

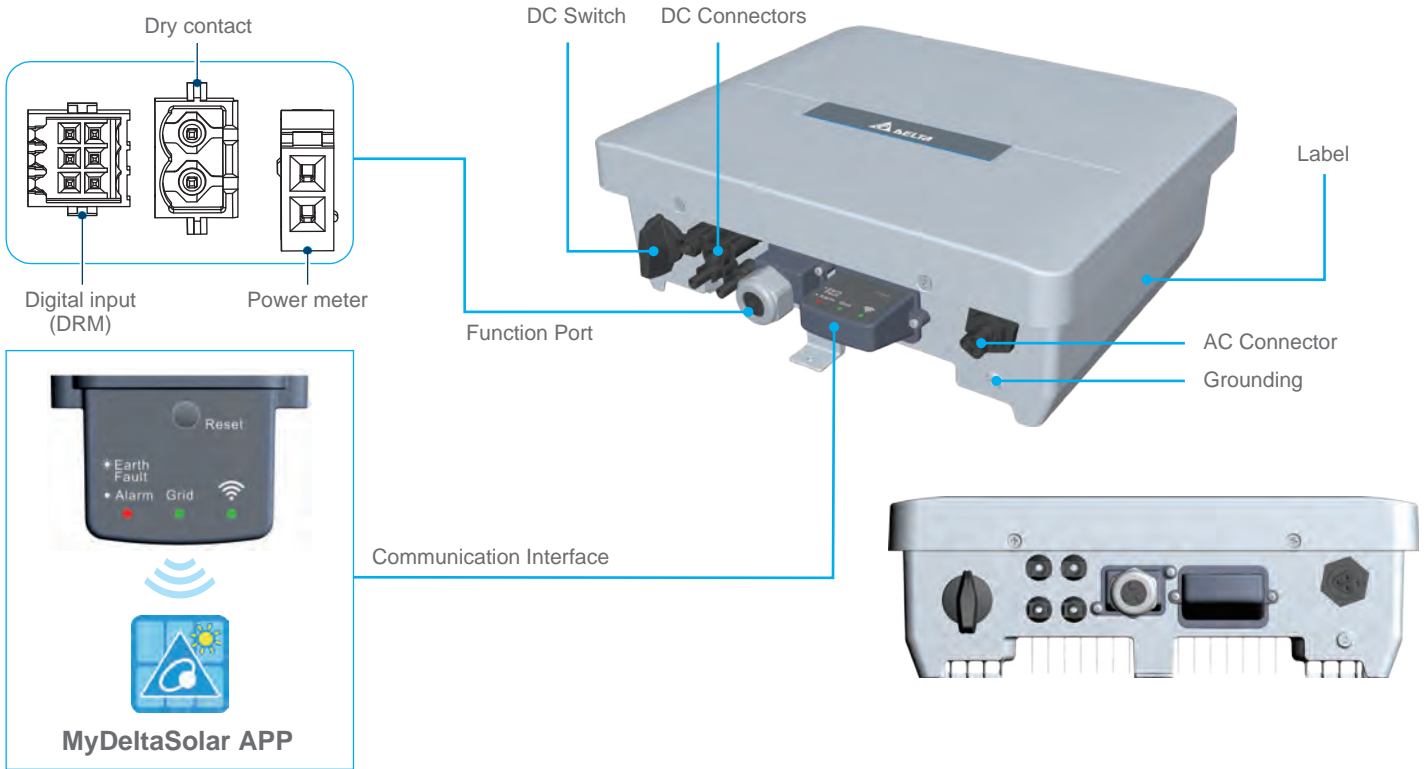
 **DELTA**  
Smarter. Greener. Together.

# Product Overview

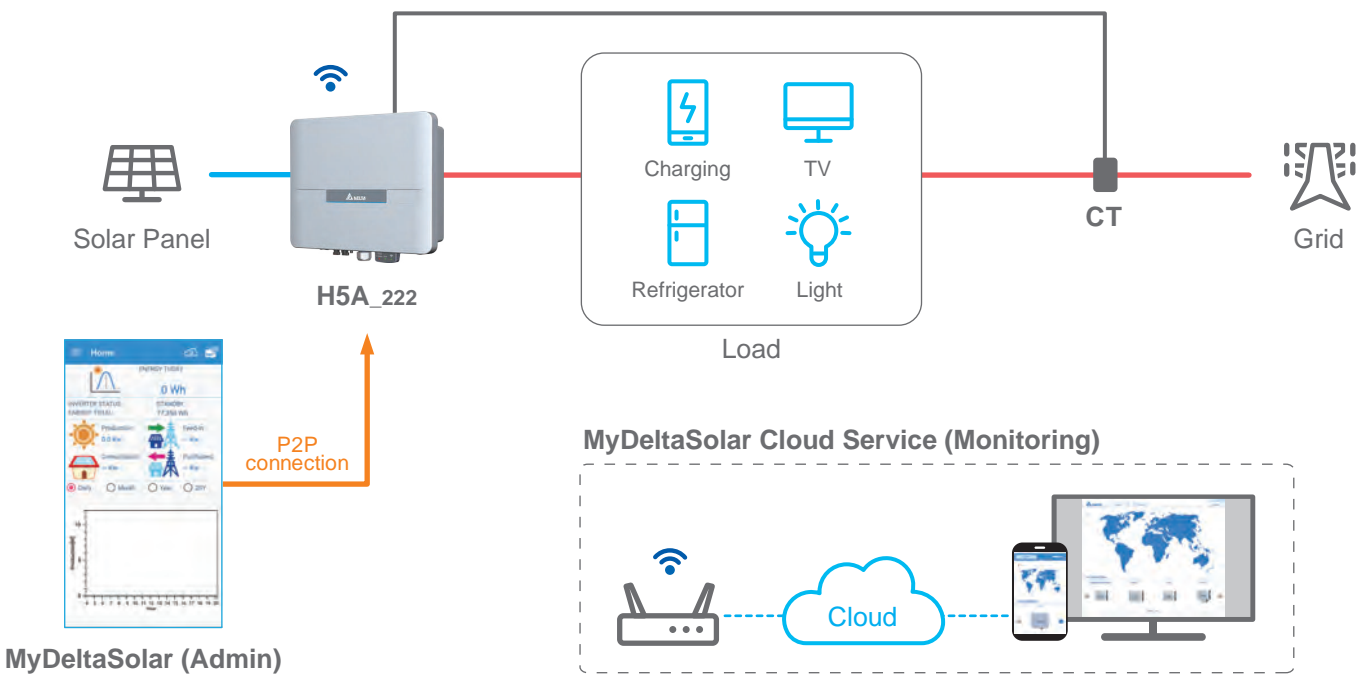
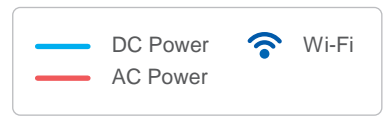
Delta presents the H5A\_222 solar inverter which features 5.0 kW AC output and the lowest start-up voltage yet at 35vDC. This new single phase solar inverter is designed for residential PV applications where maximum versatility, production and savings are important. With smart power meter built in, the H5A can provide consumption data and dynamic export control with the simple addition of CT clamps.



# Form Factor



# System Architecture



# MyDeltaSolar



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	MC4 2 pairs					
DC Switch	Yes					
<b>AC Output</b>						
Max. Output Power	5000 W / 5000 VA					
Nominal Output Current	21.7 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					
<b>Efficiency</b>						
Peak Efficiency	97.5 %					
Euro Efficiency	96.8 %					
<b>Information</b>						
Communication	Wi-Fi					
Indicator	LED					
Display	MyDeltaSolar APP ( iOS / Android )					
Cloud	MyDeltaSolar Cloud					
Alarm	Mail Notification					
<b>Control/Interface</b>						
DRM	DRM 0 ,5, 6, 7, 8					
Dry Contact	250Vac / 28Vdc, 9A					
Consumption Monitoring	CT connection via internal meter					
<b>Certification</b>						
	VDE-AR-N 4105	AS4777.2:2015	EN 61000-6-2	EN 50438	EN 61000-6-3	G83/2
	VDE 0126-1-1/A1	EN 50438	EN 61000-6-3	EN 61000-6-2	IEC 62116	
<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 (NO FANS)					
Dimensions (W x H x D)	380 x 318 x 130 mm					
Weight	12 kg					

\*All specifications are subject to change without prior notice



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