



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

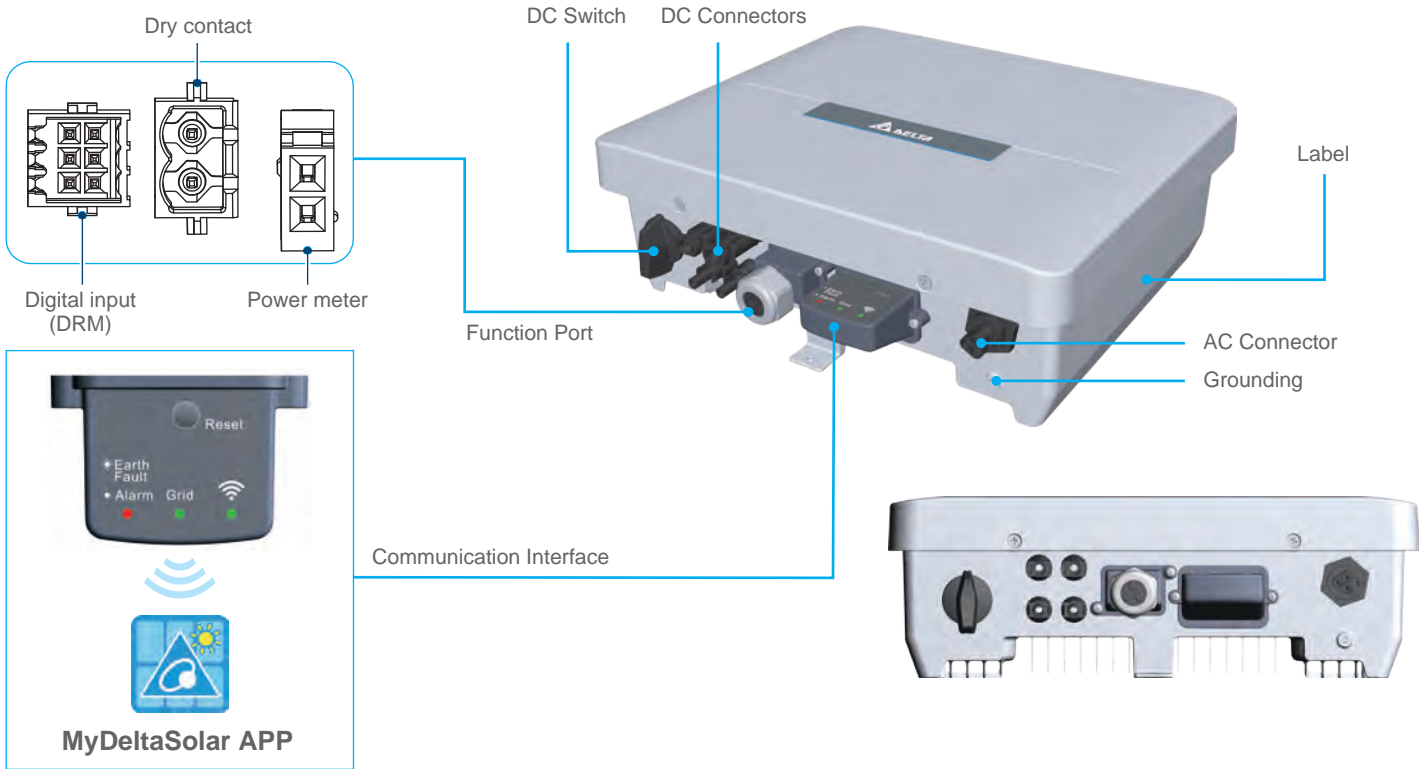
 **DELTA**
Smarter. Greener. Together.

Product Overview

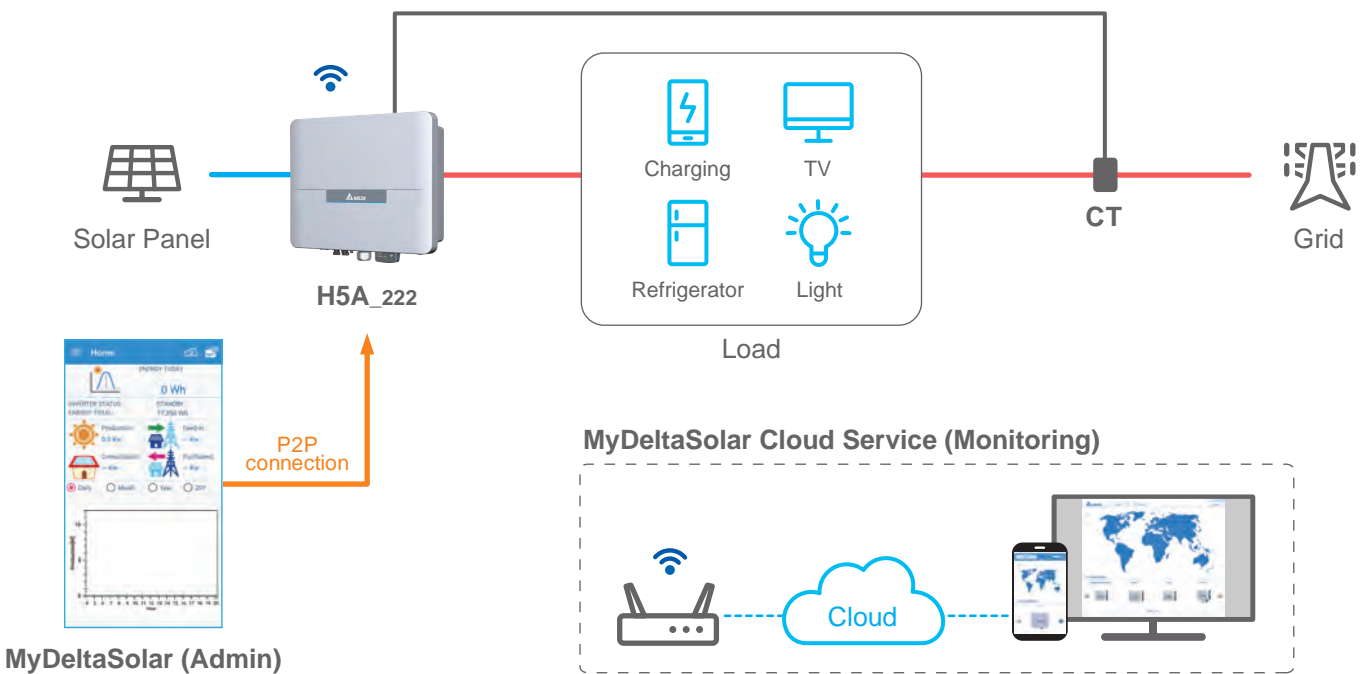
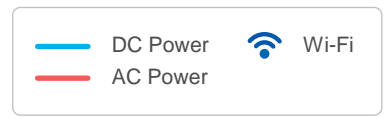
Delta presents the H5A_222 solar inverter which features 5.0 kW AC output and the lowest start-up voltage yet at 35vDC. This new single phase solar inverter is designed for residential PV applications where maximum versatility, production and savings are important. With smart power meter built in, the 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					
DC Input						
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					
AC Output						
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)					
THD	< 3%					
Reactive Power	0.8 Ind ~ 0.8 Cap					
Night Time Power Consumption	< 2W					
Efficiency						
Peak Efficiency	97.5 %					
Euro Efficiency	96.8 %					
Information						
Communication	Wi-Fi					
Indicator	LED					
Display	MyDeltaSolar APP (iOS / Android)					
Cloud	MyDeltaSolar Cloud					
Alarm	Mail Notification					
Control/Interface						
DRM	DRM 0 ,5, 6, 7, 8					
Dry Contact	250Vac / 28Vdc, 9A					
Consumption Monitoring	CT connection via internal meter					
Certification						
	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	
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 (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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