



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

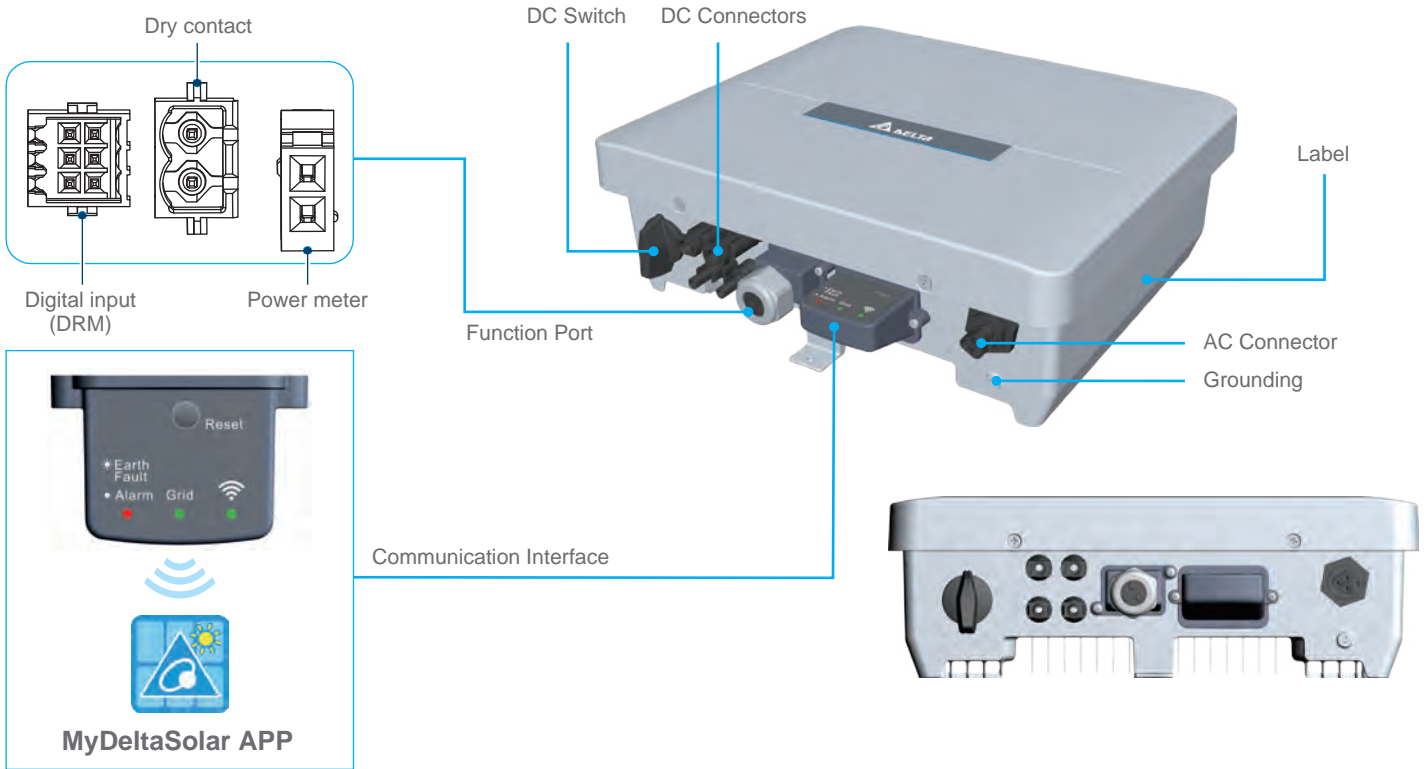
 **DELTA**
Smarter. Greener. Together.

Product Overview

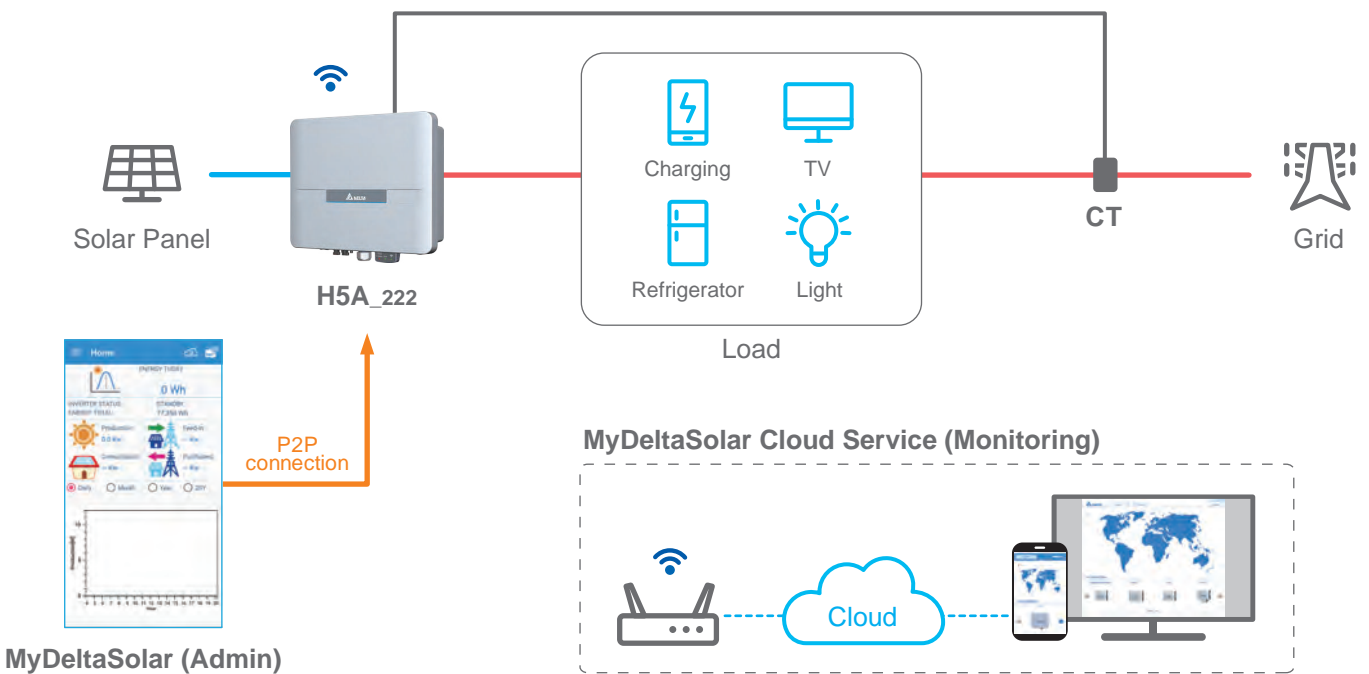
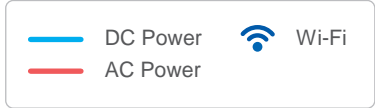
Delta presents the H5A_222 solar inverter which features 5.0 kW AC output and the lowest start-up voltage yet at 35vDC. This new single phase solar inverter is designed for residential PV applications where maximum versatility, production and savings are important. With smart power meter built in, the 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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