



## PV INVERTER

### Home Series / H9E

#### Product Features

- Built-in power meter / DRM port
- Support dynamic export control function
- Built-in Wi-Fi communication & Commissioning via App (iOS/Android)
- MyDeltaSolar cloud for remote monitoring
- Built-in arc-fault protection AFCI
- Max. efficiency 98.0%
- IP65 protection

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



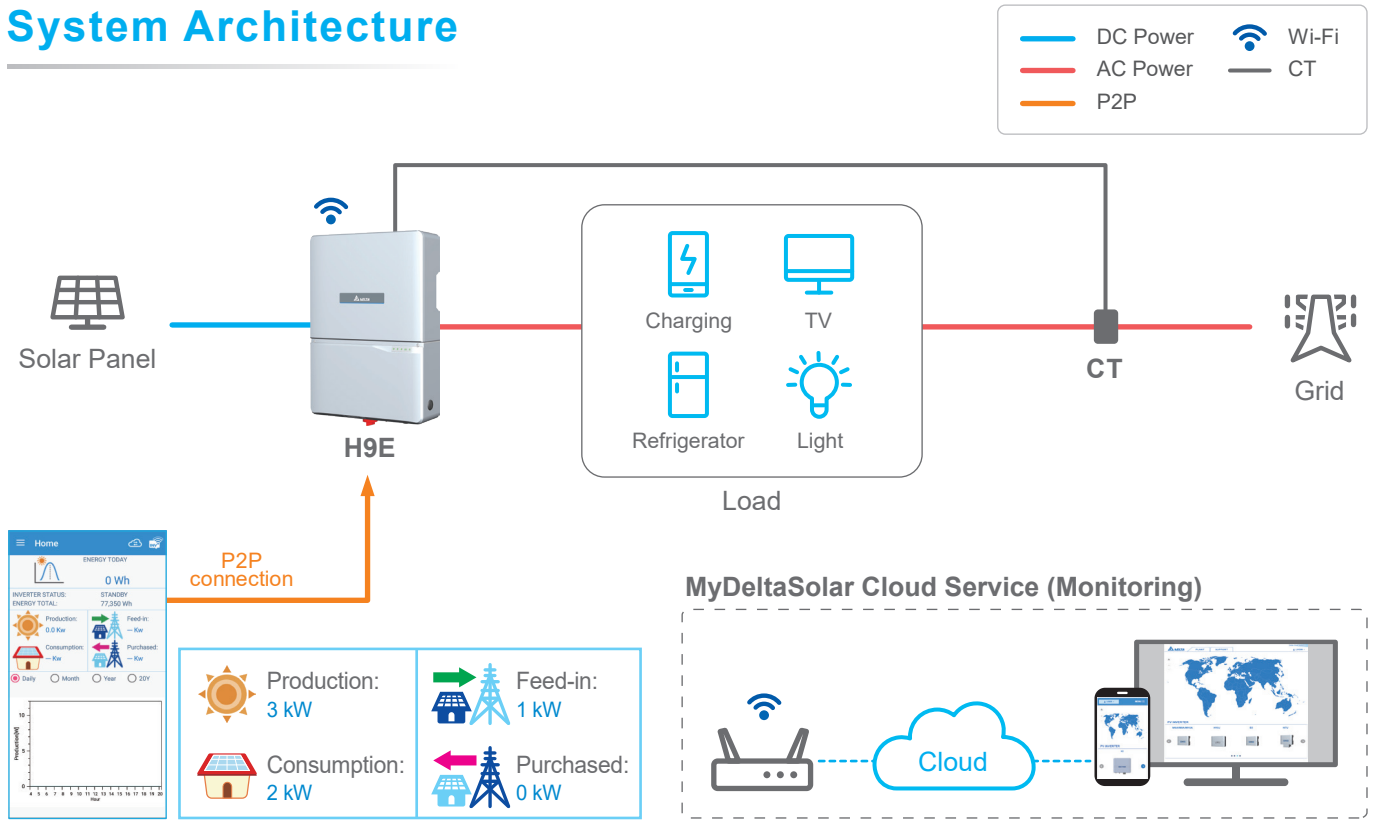
# Product Overview

Delta produce H9E solar inverter features 9kVA power output. This single phase solar inverter is designed for residential PV applications where maximum versatility and profitability are important.

A built-in power meter is designed to fulfill dynamic power export control requirement and optimize the system cost. With MyDeltaSolar APP, user can easily monitor all the power flow information such as power consumption and power feed-in at once.



# System Architecture



MyDeltaSolar (Admin)

# 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	H9E			
<b>DC Input</b>				
Max. Input Voltage	600 V			
Operating Voltage Range	50 - 540 V			
MPP Voltage with Max. Power	280 - 480 V			
Start Up Voltage	> 120 V			
Rated Voltage	380 V			
Max. Input Current	12 A / MPPT			
Max. short circuit current per MPPT	15 A			
Mpp Tracker	4			
Connection Type	Clamp type terminal			
DC Switch	Built-in			
<b>AC Output</b>				
Max. Output Power	8280 W / 7360 VA @ 230 Vac 8640 W / 7680 VA @ 240 Vac 9000 W / 8000 VA @ 250 Vac			
Max. Output Current	36 A			
Rated Voltage	230 / 240 V			
AC Voltage Range	180 - 276 V			
Frequency Range	50 Hz (± 5 Hz)			
T.H.D	< 3%			
Reactive Power	0.85 Ind ~ 0.85 Cap			
Night Time Power Consumption	< 1.5 W			
<b>Efficiency</b>				
Peak Efficiency	98.0 %			
Euro Efficiency	97.3 %			
<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>				
	IEC 62109-1 / -2	EN 61000-3-3	AS 4777-2	AS 4777-3
<b>General Data</b>				
Operating Temp. Range	-25 to +65°C, full power up to 45°C			
Protection Level	IP65			
Noise Emission, Typical	45 dBA @1m			
Operating Elevation	< 3000 m			
Cooling	Natural cooling			
Dimensions (W × H × D)	425 x 590 x 160 mm			
Weight	21.6 kg			

\*All specifications are subject to change without prior notice



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