



PV INVERTER

Home Series / H8E, H10E

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



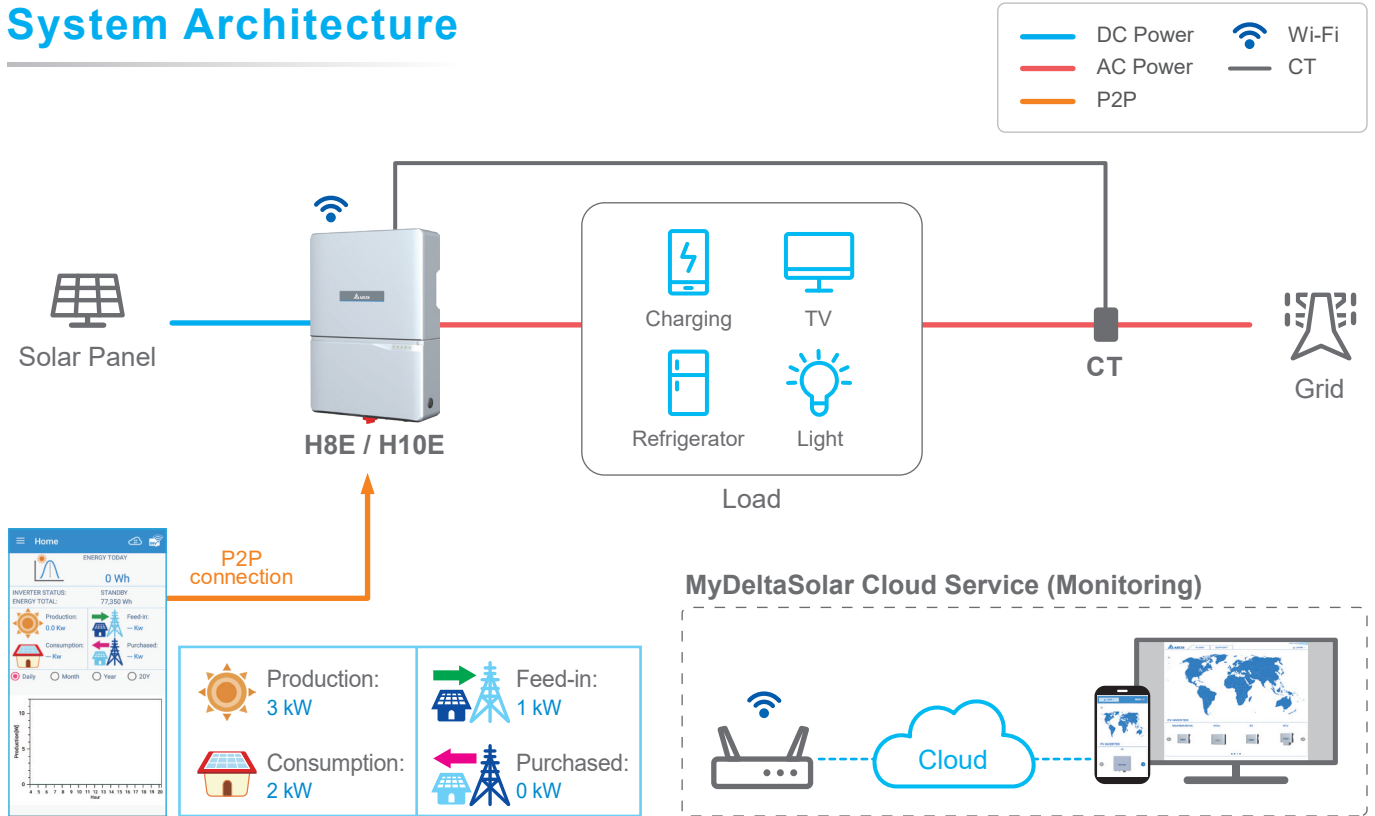
Product Overview

Delta produce H8E/H10E solar inverter features 8kVA/10kVA 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

The MyDeltaSolar app interface is shown in three stages: **Install** (Initial Settings), **Home** (Energy Today summary), and **Setting** (System configuration). The **Management** screen shows a world map and inverter status, while the **Energy** screen displays a power production graph.

- MyDeltaSolar cloud offers home user an online monitoring service
- Proactive e-mail notification during inverter alarm (i.e. ground fault alarm)

Specifications

Model Number	H8E	H10E		
DC Input				
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			
AC Output				
Max. Output Power	7360 W / 7360 VA @ 230 Vac 7680 W / 7680 VA @ 240 Vac 8000 W / 8000 VA @ 250 Vac	9200 W / 9200 VA @ 230Vac 9600 W / 9600 VA @ 240 Vac 10000 W / 10000 VA @ 250 Vac		
Max. Output Current	32 A	40 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			
Efficiency				
Peak Efficiency	98.0 %			
Euro Efficiency	97.3 %			
Information				
Power Meter	Built-in			
Communication	Wi-Fi			
Indicator	LED			
Display	MyDeltaSolar APP (iOS / Android)			
Cloud	MyDeltaSolar Cloud			
Alarm	Mail Notification			
Certification				
	IEC 62109-1 / -2	EN 61000-3-3	AS 4777-2	AS 4777-3
General Data				
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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