



PV INVERTER

Home Series / H8E, H10E

Product Features

- Built-in Consumption meter
- Dynamic export control capable
- Point-to-point and Cloud Wi-Fi monitoring
- Fleet monitoring via MyDeltaSolar cloud
- Precise Generation Limitation on-board
- Built-in arc-fault protection AFCI
- Max Efficiency 98%
- IP65 Protected

www.deltaww.com



Product Overview

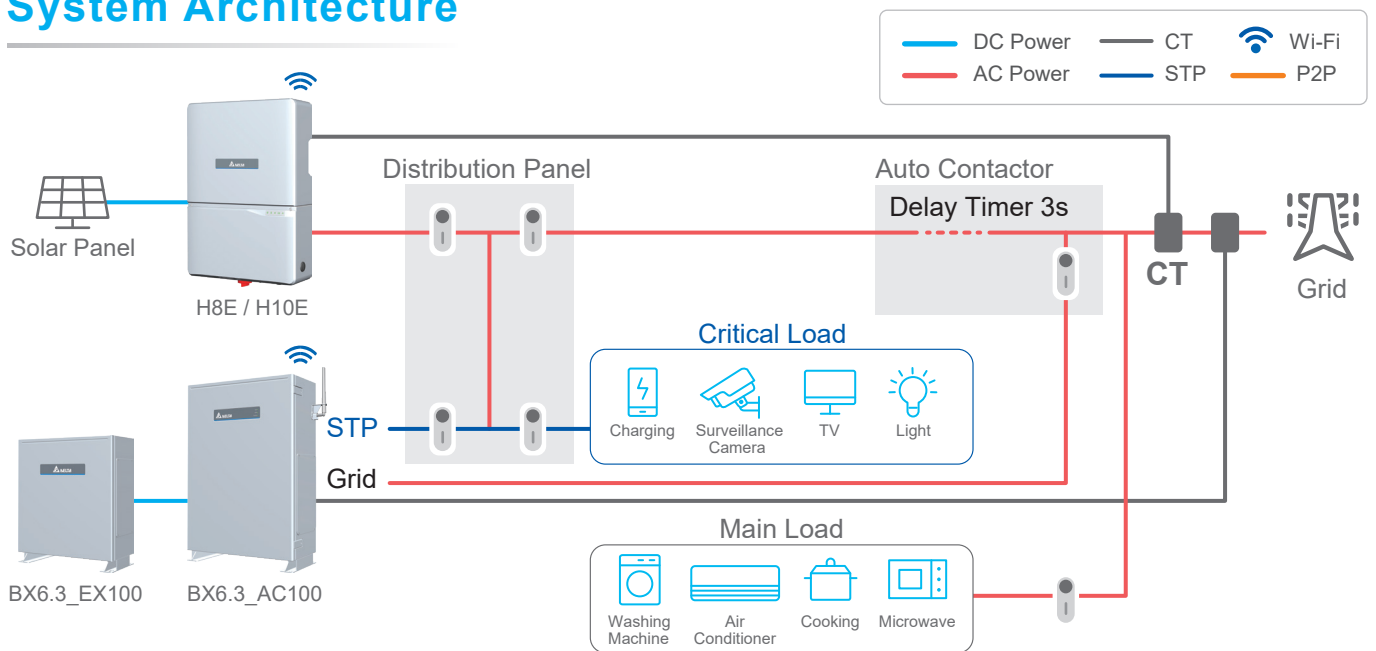
As Australia and New Zealand fully embrace solar energy, the trend is moving towards larger systems. Roof space is at a premium and the flexibility to work within the roof space available is becoming more difficult. Delta Australia is proud to present the NEW H8E and H10E with 4 x MPPT Standard! The ONLY 10kw single phase inverter at time of release to provide a fully flexible string inverter with a tracker for ALL points of the compass.

Incorporating the consumption meter inside the inverter, Delta has made it easy and economical to receive 24/7 energy generation and usage data. This also allows for export control should your network request it. Being incorporated inside, your consumption meter is covered by the inverter's advanced replacement warranty for the full inverter period.

Aesthetically the H8E and H10E will look amazing on your home with the rear cable entry removing any visible cables.



System Architecture



APP & Cloud

Only need one Wi-fi router to enjoy Delta cloud service.

Real-Time Data

Data Curve

Function Setting

MyDeltaSolar Cloud

Specifications

Model Number	H8E	H10E		
DC Input				
Max. Input Voltage	600 V			
Operating Voltage Range	50 - 480 V			
MPP Voltage with Max. Power	280 - 480 V			
Start Up Voltage	> 50 V			
Nominal Voltage	380 V			
Max. Input Current / MPPT	12 A			
Max. short circuit current / MPPT	20 A			
Mpp Tracker	4			
Connection Type	Clamp type terminal			
DC Switch	Built-in			
Battery Port				
Voltage range	350 - 540 V			
Max. continuous current	20 A			
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	0.8 lead - 0.8 lag (Adjustable)			
Night Time Power Consumption	< 1.5 W			
Efficiency				
Peak Efficiency	98.0 %			
Euro Efficiency	97.3 %			
Information				
Power Meter	Built-in			
Communication	Wi-Fi, RS-485			
Indicator	LED			
Display	DeltaSolar 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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