

Single Phase Solar Inverter for Australia

H8E | H9E | H10E



Key Features:

- Smart solar inverter with WiFi communication
- Support bi-directional cloud communication
- Support remote diagnosis and OTA
- IP 65 protection
- Built-in AFCI
- EU efficiency 97.3%

Model	H8E	H9E	H10E
PV INPUT			
Max. system voltage	600 V		
Nominal voltage	380 V		
Max. operating voltage	540 V		
Start-up voltage	120 V		
Operating MPPT voltage range	50 V to 480 V		
Full power MPPT voltage range	280 V to 480 V		
Max. input current per MPPT	12 A		
Max. short circuit current per MPPT	15 A		
Max. DC/AC ratio	1.3		
DC disconnect	Integrated		
MPP tracker	4		
AFCI	Type 1 (UL1699B)		
AC OUTPUT			
Nominal output power @ 230Vac	7360 W	8280 W	9200 W
Nominal output power @ 240Vac	7680 W	8640 W	9600 W
Max. output apparent power	8000 VA	9000 VA	10000 VA
Nominal output voltage	230 V / 240 V		
Max. continuous current	32 A	36 A	40A
Max. power export to Grid	5000 VA		
Max. current export to Grid	21.7A		
Nominal operating frequency	50 Hz		
Night consumption	< 1.5 W ¹⁾		
THD @ nominal power	< 3 %		
Adjustable power factor range	0.85i to 0.85c		
GENERAL SPECIFICATION			
Max. efficiency	98.0 %		
EU efficiency	97.3 %		
Operating Temp. range	-25 °C to 65 °C (derating above 45 °C)		
Storage Temp. range	-40 °C to 85 °C		
Humidity	0% to 95%		
Max. operating altitude	9,843 ft (3,000 m)		
Acoustic noise	< 45 dB(A) @ 3 ft (1m)		
Communication interface	WiFi		
MECHANICAL DESIGN			
Dimensions (W x H x D)	425 x 590 x 160 mm		
Display	LED indicators		
Weight	21.6 kg		
Cooling	Natural convection		
STANDARDS			
Enclosure protection rating	IP 65		
Safety	IEC 62109-1, IEC 62109-2		
EMC	EN 61000		
Grid support regulation	AS 4777-2, AS 4777-3		
WARRANTY			
Standard warranty	5 years, optional 10 years		

1) Without consumption of WiFi communication

DELTA ELECTRONICS (Australia) PTY LTD

Unit 20-21/45 Normanby Road, Notting Hill, VIC 3168, Australia
 Sales Email: accounts.au@deltaww.com
 Support Email: Solarsupport@deltaww.com
 Sales Hotline: +61 3 95433720
 Support Hotline: +61 1300 335 823
 Monday to Friday from 9am to 5pm PST (apart from Holidays)