



Battery Ready PV Inverter

Home Series / H5E

Product Features

- Battery-ready PV Inverter
- Built-in Consumption meter
- Wide input voltage range from 30V to 600V
- Ultra light weight for easy installation and space-saving
- Point-to-point and Cloud Wi-Fi monitoring
- Fleet monitoring via MyDeltaSolar cloud
- Low noise emission with only 20 dB
- IP65 Protected

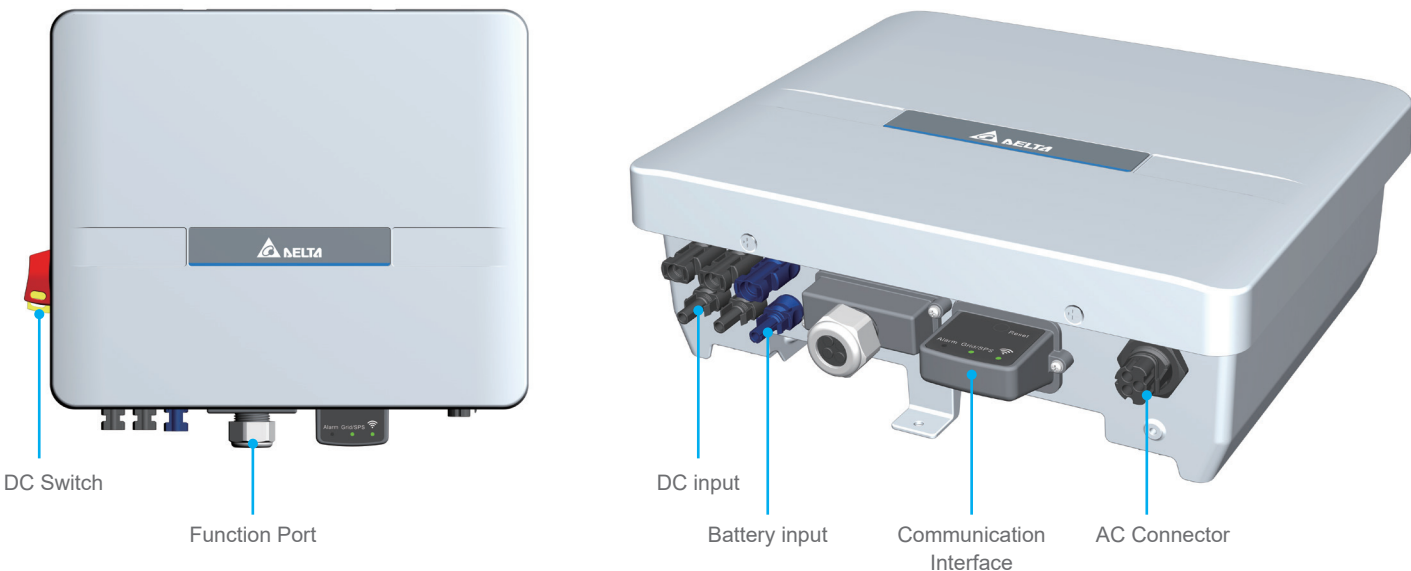
www.deltaww.com



Product Overview

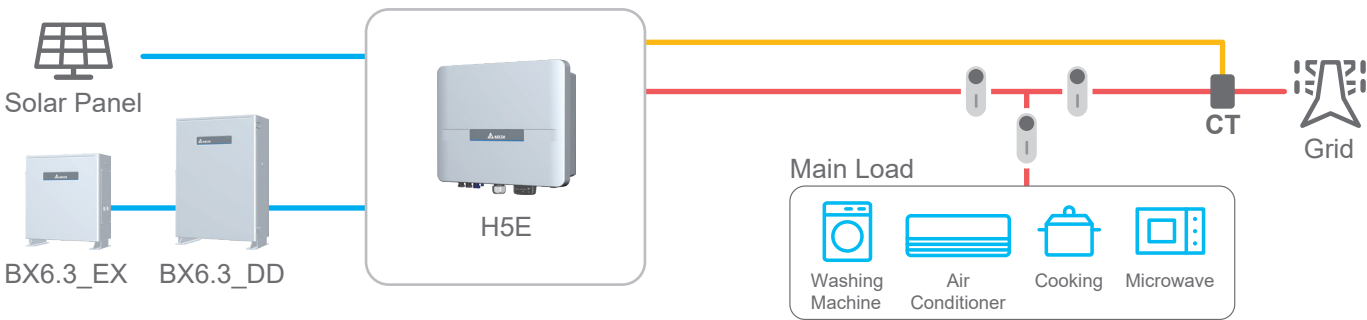
Delta produce H5E battery-ready solar inverter features 5kW/5.5kVA power output. H5E is a single-phase inverter designed for residential PV applications where maximum versatility and profitability are important. With plug and play battery-ready design, it allows the installer to easily attach the DC-coupled battery in the future. 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.

Feature Highlights

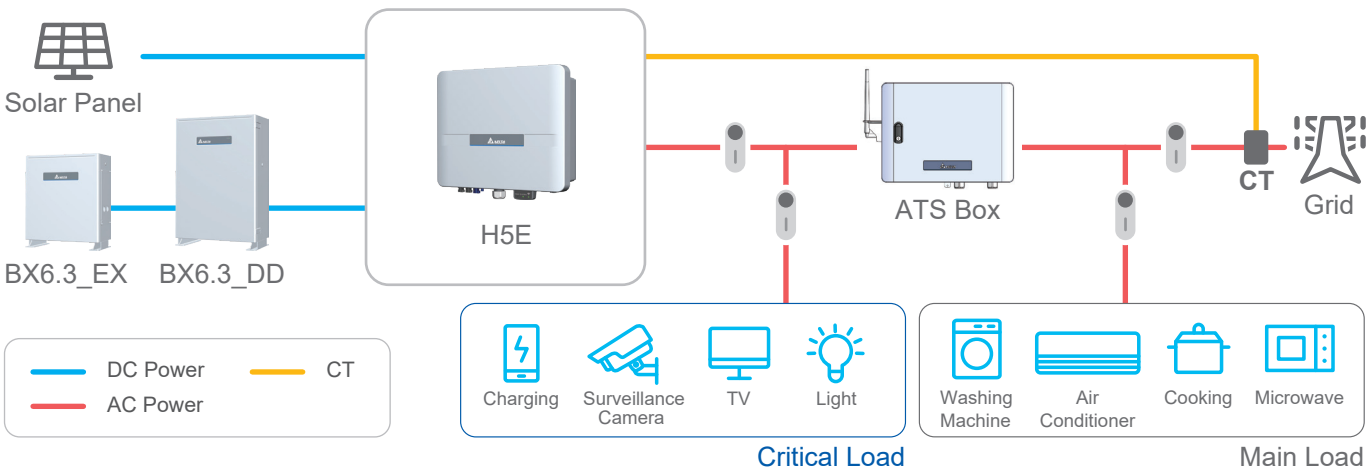


System Architecture

- Hybrid Energy Storage System

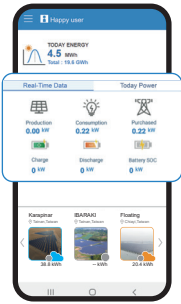


- Hybrid Energy Storage System with Backup Power



APP & Cloud

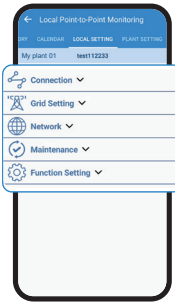
Only need one Wi-fi router to enjoy Delta cloud service.



Real-Time Data



Data Curve



Function Setting



DeltaSolar

DELTA ELECTRONICS, INC.



MyDeltaSolar Cloud



Specifications

Model Number	H5E
DC Input	
Max. Input Voltage	600 V
Operating Voltage Range	30 - 550 V
MPP Voltage with Max. Power	200 - 500 V
Start Up Voltage	> 35 V
Rated Voltage	350 V
Max. Input Current	13.5 A dc for each / 27 A dc for total
Max. Input Power	6200 W
Max. short circuit current per MPPT	20 A
Mpp Tracker	2
Connection Type	H4, 2 pairs
AC Output	
Nominal output power	5500 VA ¹⁾
Max. Output Power	5000 W / 5500 VA ²⁾
Nominal output current	22 A
Max. Output Current	23 A
Rated Voltage	220 / 230 V
AC Voltage Range	180 - 280 V
Frequency Range	50 / 60 Hz (± 5 Hz)
T.H.D	< 3%
Reactive Power	0.8 Ind ~ 0.8 Cap
Night Time Power Consumption	< 2W
Efficiency	
Peak Efficiency / Euro Efficiency	97.5 % / 96.8 %
Information	
Power Meter	Built-in
Communication	RS-485 / Wi-Fi
Indicator	LED
Display / Cloud	DeltaSolar APP (iOS / Android) / MyDeltaSolar Cloud
Alarm	Mail Notification
Certification	
	CNS 15382 AS4777.2:2020 EN 61000-6-2 EN 61000-6-3 IEC 62116 IEC 62109-1/-2 IEC 62619:2017 IEC 62040-1:2017
General Data	
Operating Temp. Range	-25 to +60°C, full power up to 40°C
Protection Level / Noise	IP65 / 20 dB (A)
Operating Elevation	< 2000 m
Cooling	Natural cooling
Dimensions (W × H × D) / Weight	380 x 318 x 130 mm / 12 kg
Country of manufacturer	China
Compatible Battery	
DC-coupled battery model	BX6.3_DD / BX12.6_DD

1) 5 kVA max. for Australia (AU / NZ) 2) 5 kVA max. (AU / NZ)

*All specifications are subject to change without prior notice



Delta Electronics, Inc.

39 Section 2 Huandong Road, Shanhua District,
Tainan City 74144, Taiwan, R.O.C.

TEL : +886 6 505-6565

FAX : +886 6 505-1919

info@deltaww.com