



Home Energy Storage Solution

Residential DC-Coupled Storage System / BX6.3_DD Series

- High reliability Li-ion battery with 6.3 / 12.6 kWh capacity
- IP65 and robust design that can withstand 5000 kg shock
- Wide operation temperature (-10 °C to 45 °C)
- Compatible with Delta Battery-Ready Inverters



Power Up your Home by Fully Utilizing the Solar Energy



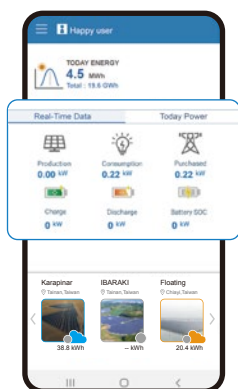
Delta's BX6.3_DD series of high-reliability Li-ion batteries is a home energy storage solution with a capacity of 6.3 / 12.6 kWh. It is compatible with Delta Battery-ready inverters, can be scaled up to 12.6 kWh for future expansion.

With BX6.3_DD, home owners can maximize the efficiency of their home energy management by saving and managing excess solar energy from their home PV system. It can play the role of a steady backup source during emergency situations or power outages.



APP & Cloud

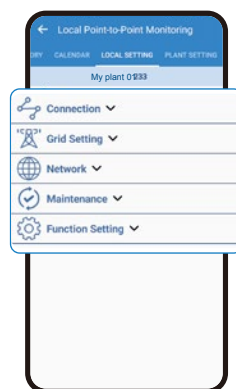
Only need one Wi-Fi router to enjoy Delta cloud service.



Real-Time Data



Data Curve



Function Setting



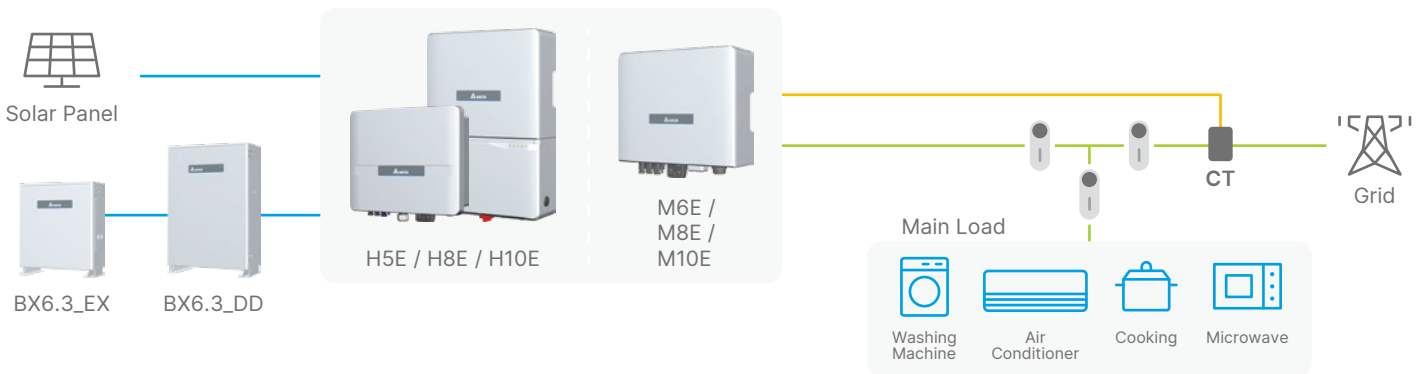
MyDeltaSolar Cloud



System Architecture

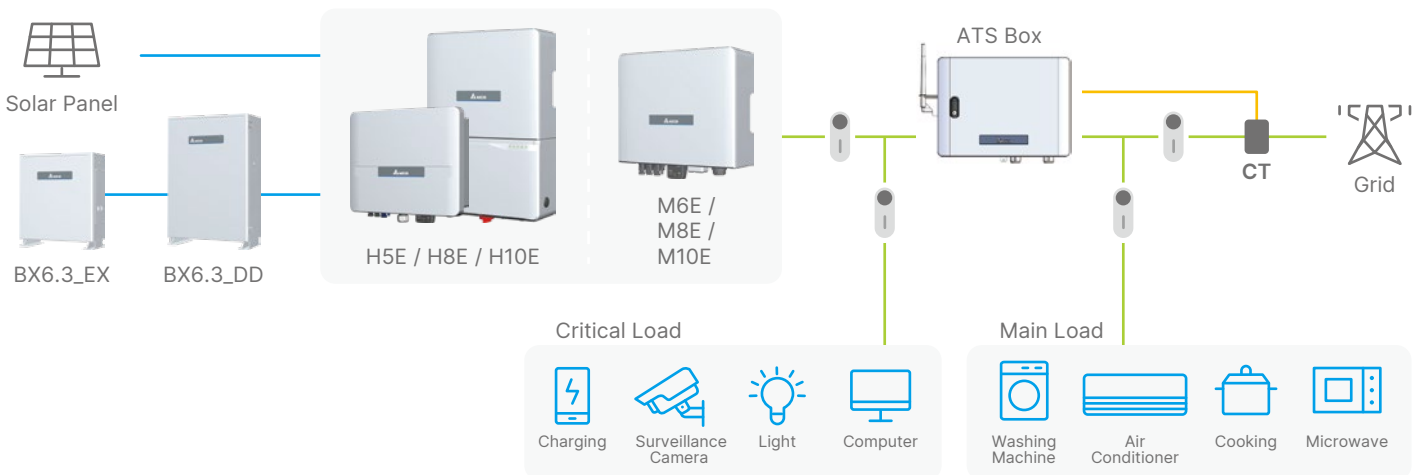
— DC Power
 — AC Power
 — CT
 - - - - Power Cuts

Hybrid Energy Storage System

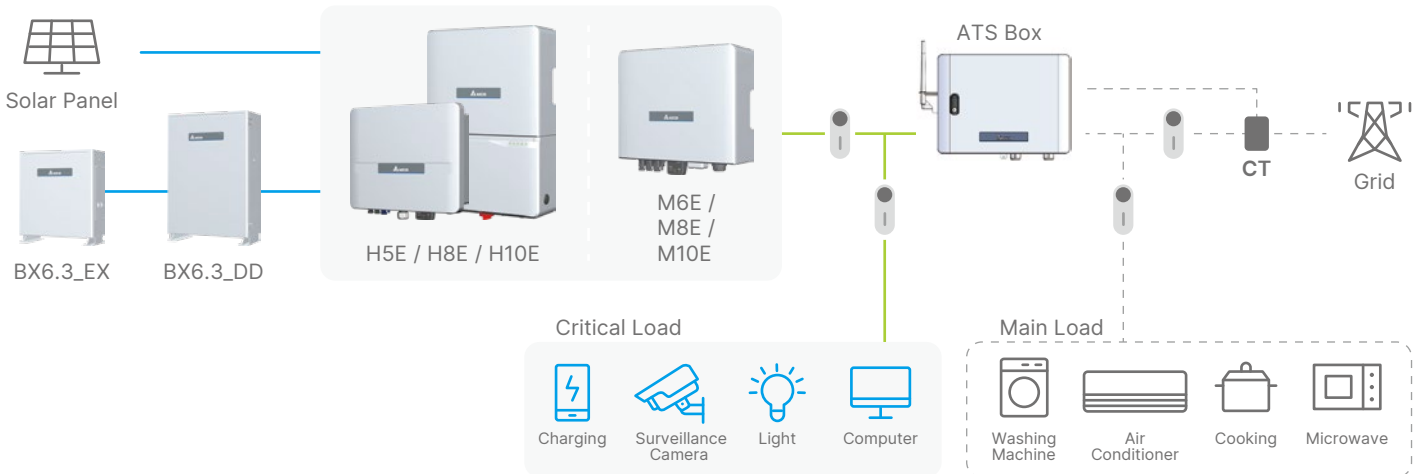


Hybrid Energy Storage System with Backup Power

- Normal condition



- Emergent condition



Specifications

Model Name	BX6.3_DD	BX12.6_DD (BX6.3_DD + BX6.3_EX100)
Battery		
Type	Li-ion	Li-ion
Battery Module	Samsung 41J (21700)	Samsung 41J (21700)
Typical Energy	6.3 kWh	12.6 kWh
Typical Voltage	DC 202.7 V	DC 405.4 V
Voltage Range	DC 175 - 228 V	DC 350 - 456 V
Max. Operating Current	15.6 A	15.6 A
Depth of Discharge (DoD)	98%	98%
Output		
Output Voltage Range	250 V - 1000 V	250 V - 1000 V
Max. Charge / Discharge Power	3 kW / 3 kW	6 kW / 6 kW
Max. Charge / Discharge Current	15.6 A	15.6 A
General Data		
Operating Temp.	-10 °C to +45 °C	-10 °C to +45 °C
Operating Humidity	0 - 95% RH	0 - 95% RH
Cooling	Convection Cooling	Convection Cooling
IP Rating	IP65	IP65
Enclosure	Powder-coated aluminum	Powder-coated aluminum
Communication Interface	RS485 / CAN	RS485 / CAN
Weight	75 kg	75 kg (BX6.3_DD) + 60 kg (BX6.3_EX100)
Dimensions (W × H × D)	570 × 840 × 250 mm	BX6.3_DD: 570 × 830 × 250 mm BX6.3_EX100: 520 × 600 × 230 mm
Compatible Battery-Ready Inverters		
Inverter Model	H5E, H8E, H10E, M6E, M8E, M10E	H5E, H8E, H10E, M6E, M8E, M10E

BX6.3_DD



BX12.6_DD

(BX6.3_DD + BX6.3_EX100)



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