



Model	ECO 40.96H-X1
Battery Module	ECO 5.12H-X1(5.12kWh,51.2V100Ah)
Number of Modules	8
Energy Capacity	40.96kWh
MAX.Output Power	20.48kW
Max.Discharge Current	50A/0.5C
Nominal Voltage	409.6V
Voltage Range	358-460V
MaX.Charge Power	20.48kW
Max.Charge Current	50A/0.5C
Communication	RS232;RS485;CAN
Cycle Life	≥6000cycles@25°C,90%DOD,80%EOL
Design Life	≥ 15 Years(25°C)
Certification & Licensing	CE,UL1973,UL2054,IEC62619,UN38.3,MSDS
Protection	BMS;High-voltage Protection;
IP Protection	IP20
Operating Temperature	-10°C-50°C
Suitable for inverter brands	Growatt;Deye;Goodwe;Solis;Solax;Megarevo;Sinecel;etc.