100kW-2.5MW C&I ESS Solution



Model		BOS-B Pro-A3	
Main Parameter			
Battery Module Energy (kWh)		16.08	
Battery Module Nominal Voltage (V)		51.2	
Battery Module Capacity (Ah)		314	
Module Weight Approximate (kg)		123	
Battery Module Qty In Series (Optional)		15	
Scalability		14~15 For Deye PCS	5~15 For Deye Hybrid Inverter
System Nominal Voltage (V)		768	
System Energy (kWh)		241.15	
System Usable Energy (kWh)		217.04	
Charge/Discharge Current (A)	Recommend	157	
	Max	180	
Other Parameter			
Operating Temperature (°C)		Charge： 0 ~ 55 Discharge： -20 ~ 55	
Storage Temperature (°C)		0 ~ 35	
Thermal Management		Smart fan cooling	
LCD Display		SOC / Fault Code	
Status Indicator		Yellow : Battery High Voltage Power On Red : Battery System Alarm	
Communication Port		TCP / RS485 / CAN	
Communication With BMS		CAN	
Humidity		5% ~ 85%	
Altitude		⩽3000m	
IP Rating of Enclosure		IP20	
Noise (dB)		TBD	
System Dimension (W × H × D, mm)		2150 × 1136 × 800	
System Weight Approximate (kg)		1850	
Installation Location		Rack Mounted	
Recommend Depth of Discharge		90%	
Cycle Life		25±2°C, 0.5C / 0.5C, EOL70%⩾6000	
Warranty Period		10 years	
Certification		CE / IEC62619 / IEC62040 / UN38.3	