

C&I ENERGY STORAGE

DC Battery System

DS-BSC03-3700



DC Battery System Rated power 3727.36kWh



Flexibly adjusts energy storage

Built-in intelligent battery management system (BMS)

Rapid and efficient monitoring for real-time alerts, accurate fault detection

IP54 protection, C4 corrosion resistance

Highly efficient liquid cooling design for ultimate temperature control





PRODUCT SERIES

DURACELL COMMERCIAL / INDUSTRIAL ENERGY STORAGE

DC BATTERY SYSTEM

PRODUCT APPEARANCE

ELECTRICAL CHARACTERISTICS			
Model: DS-BSC03-xxx	372700		
Battery type		Lithium LFP	
Nominal capacity	[kWh]	3727.36	
Nominal voltage	[V]	1331.2	
Voltage range (usable)	[V]	1164.8-1500	
Charge / Discharge current (nominal)	[A]	140/140	
Charge / Discharge current (max)	[A]	280/280	
Charge / Discharge rate	[P]	0.5/1	
Communication Protocol	Modbus	TCP / Modbus RTU / CAN 2.0	
Communication Interface		Ethernet/RS485/CAN	
Maximum System Efficiency (η)	[%]	94	
Depth of Discharge (DOD)	[%]	90	

OPERATING CONDITIONS		
Operating temperature	[°C]	-20 to 55
Storage temperature	[°C]	-30 to 60
Humidity conditions	[%]	0 to 95
Altitude	[m]	max. 2000
Fire Control	Perflu	orohexanone + water spray
Cooling method		Liquid Cooling

PRODUCT NAMECODE (PNC)

DS-BSC03-3700

PHYSICAL CHARACTERISTICS				
Model: DS-BSC03-xx	κx	3727360		
Height	[mm]	6058		
Width	[mm]	2438		
Depth	[mm]	2896		
Weight	[kg]	37000		
Installation		floor-stand		
Case		carbon color		

WARRANTY ¹	
	5-year standard warranty or 6000 cycles (whichever comes first)

RELIABILITY AND CERTIFICATION	
I .	IEC/EN63056, IEC/EN61000, FCC, IEC/UL60730, UL9540, UL9540A, IEC/EN 62477
	Battery module: IEC 62619 & UL1973
Transportation	UN 38.3, UN 3536
Protection class	IP54





NOTES

1- For the full Warranty Terms please visit www.duracellsolarsolutions.com

Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079 ")

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CONTACT US:

info@duracellsolarsolutions.com www.duracellsolarsolutions.com