

DURACELL[®]

SOLAR SOLUTIONS

C&I ENERGY STORAGE

DC Battery System

DS-BSC03-3700



CHARACTERISTICS

DC Battery System

Rated power 3727.36kWh



IN A NUTSHELL

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		

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	Perfluorohexanone + water spray	
Cooling method	Liquid Cooling	

PRODUCT APPEARANCE	
	
	

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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