DURACELL®
SOLAR SOLUTIONS

CEDRES ENERGY

C&I ENERGY STORAGE

DC Battery System

DS-BSC03-3700

CHARACTERISTICS

DC Battery System
Rated power 3727.36kWh

IN A NUTSHELL

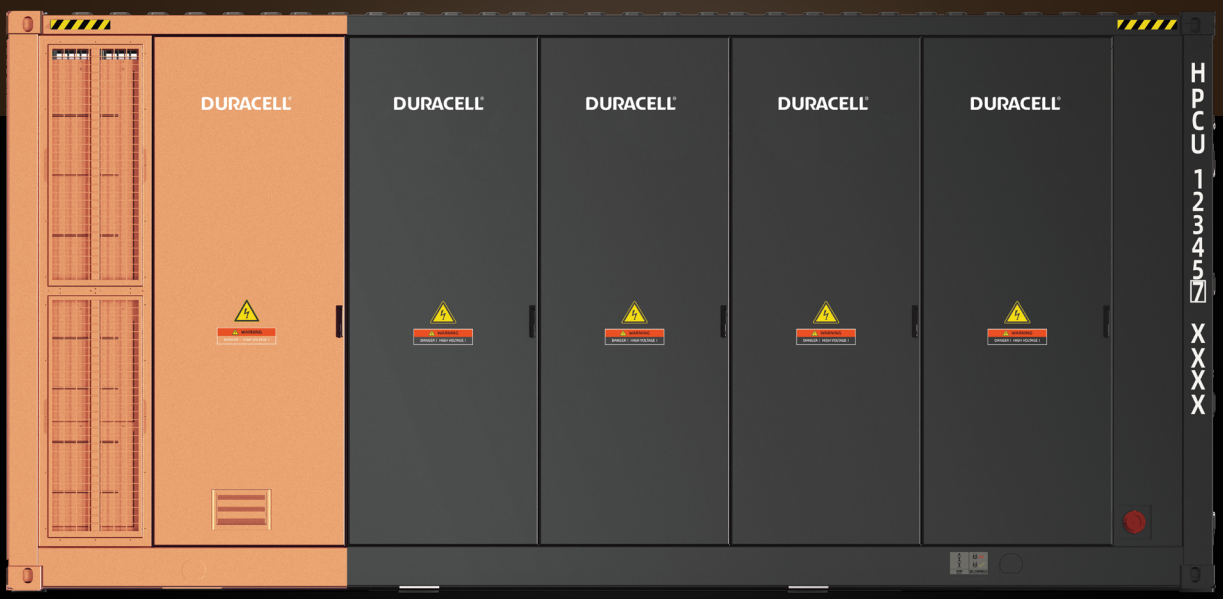
Flexibly adjusts energy storage

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



DURACELL®
SOLAR SOLUTIONS

DS-BSC03-3700

PRODUCT SERIES
DURACELL COMMERCIAL / INDUSTRIAL ENERGY STORAGE
DC BATTERY SYSTEM

PRODUCT NAMECODE (PNC)
DS-BSC03-3700

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

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

WARRANTY[1]	
Product and performance	5-year standard warranty or 6000 cycles (whichever comes first)

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	

RELIABILITY AND CERTIFICATION	
Certification	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

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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CEDRES ENERGY

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