

# DURACELL<sup>®</sup>

## SOLAR SOLUTIONS

### C&I ENERGY STORAGE

#### DC Battery System

DS-BSC03-215



#### CHARACTERISTICS

DC Battery System  
Rated power 215.04kWh



#### 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  
Highly efficient air cooling design for  
ultimate temperature control



PRODUCT SERIES		
DURACELL COMMERCIAL / INDUSTRIAL ENERGY STORAGE		
DC BATTERY SYSTEM		

ELECTRICAL CHARACTERISTICS		
Model: DS-BSC03-xxx	215040	
Battery type	Lithium LFP	
Nominal capacity	[kWh]	215.04
Nominal voltage	[V]	768
Voltage range (usable)	[V]	600-876
Charge / Discharge current (nominal)	[A]	140/140
Charge / Discharge current (max)	[A]	160/160
Charge / Discharge ratio	[P]	0.5
Communication Protocol	Modbus 61850	
Communication Interface	Ethernet/RS485/Domestic optional 4G	
Maximum System Efficiency (η)	[%]	89
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	Aerosol	
Cooling method	Air Cooling	

PRODUCT APPEARANCE	
	

NOTES	
1- For the full Warranty Terms please visit <a href="http://www.duracellsolarsolutions.com">www.duracellsolarsolutions.com</a>	
Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079 ")	
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PRODUCT NAMECODE (PNC)
DS-BSC03-215

PHYSICAL CHARACTERISTICS		
Model: DS-BSC03-xxx	215040	
Height	[mm]	1750
Width	[mm]	1215
Depth	[mm]	2340
Weight	[kg]	2600
Installation	floor-stand	
Case	carbon color	

WARRANTY <sup>1</sup>	
Product and performance	5-year standard warranty or 6000 cycles (whichever comes first)

RELIABILITY AND CERTIFICATION	
Certification	GB 36276, GB/T 34131 Battery module: IEC/EN 62619, IEC/EN 62477, IEC/EN 61000, IEC/UL 60730
Transportation	UN 38.3, UN 3480
Protection class	IP54