

DURACELL®

ENERGY BANK 2

Specification sheet



ENERGY BANK 2

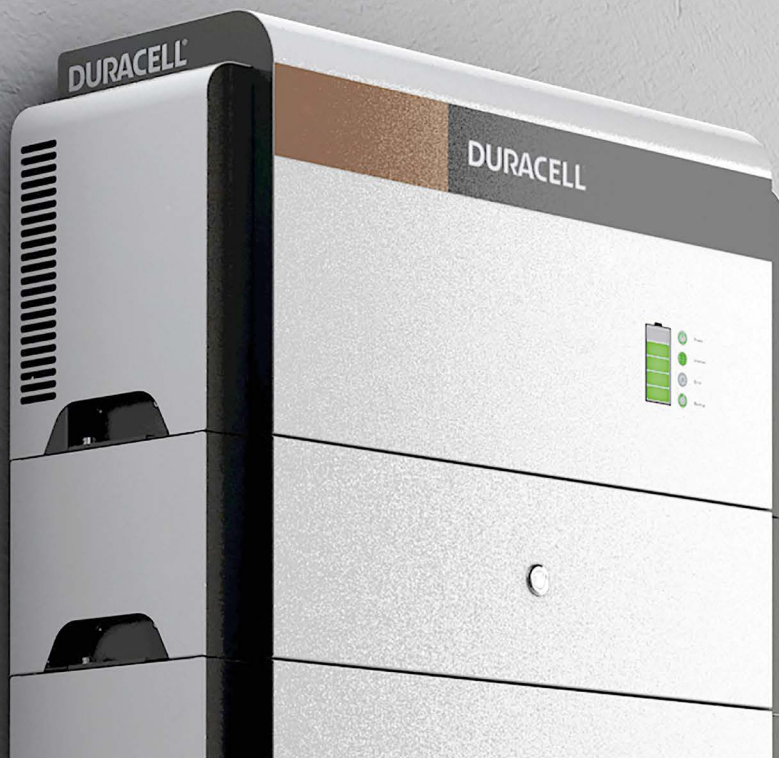
- ✓ Available in sizes to suit every home
- ✓ 10 year full warranty
- ✓ Advanced blackout protection available



Make the most of your solar

With the market leader in rechargeable batteries

After powering your favourite household gadgets for decades, Duracell can now help you to power your whole home. With the Duracell Energy Bank 2, you can store and use more of your solar energy, even when the sun isn't shining. That means bigger savings for you and a better future for our planet - now that makes sense!





MODEL

	DUR-EB2-1P-050-3B24	DUR-EB2-1P-050-4B24	DUR-EB2-1P-050-5B24	DUR-EB2-1P-050-6B24
Nominal Power [kW]	3	4	5	5
Nominal Voltage [V AC]	230	230	230	230
Operating Voltage Range [V AC]	175-265	175-265	175-265	175-265
Nominal Current [A AC]	13	17.4	21.7	21.7
Nominal Frequency [Hz]	50	50	50	50
Operating Frequency Range [Hz]	45-65	45-65	45-65	45-65
No. of Phases	single-phase	single-phase	single-phase	single-phase
Power Factor	0.85 lagging to 0.85 leading			

BATTERIES

	DUR-EB2-1P-050-3B24	DUR-EB2-1P-050-4B24	DUR-EB2-1P-050-5B24	DUR-EB2-1P-050-6B24
No. of Batteries	3	4	5	6
Nominal Capacity [kWh]	7.2	9.6	12	14.4
Nominal DC Voltage [V DC]	96	128	160	192
DC Voltage Range [V DC]	84-108	112-144	140-180	168-216
Depth of Discharge (Usable Cap) [%]	90	90	90	90
Usable Capacity [kWh]	6.48	8.64	10.8	12.96
Battery Chemistry	LiFePO4	LiFePO4	LiFePO4	LiFePO4

BACKUP

	DUR-EB2-1P-050-3B24	DUR-EB2-1P-050-4B24	DUR-EB2-1P-050-5B24	DUR-EB2-1P-050-6B24
Nominal Power [kW]	NA	3	4	4
Nominal Current [A]	NA	13	17.4	17.4
Nominal Voltage [V AC]	-	230	230	230
Nominal Frequency [Hz]	-	50	50	50
Maximum Power - 5 min [kW]	-	3.6	4.8	4.8
Maximum Power - 30 min [kW]	-	3.3	4.4	4.4

BATTERY MODULES

Battery Capacity [kWh]	2.4
Rated Voltage [V DC]	32
Operating Voltage Range [V DC]	28-36
Maximum Charging Current [A DC]	40
Maximum Discharging Current [A DC]	40
Battery Module Weight (each) [kg]	31
IP Protection Rating	IP55



ENVIRONMENT

IP Protection Rating			IP55	
Weight [kg]	126	154	182	210
Height [mm]	1155	1325	1490	1655
Width [mm]		725 (755 with glands & switch cover)		
Depth [mm]		270 (290 from wall with standard mounting)		
Noise [dB]		<45dB		
Construction		Transformerless (non-isolated)		
Operating Temperature [°C]		-10 to +50		
Full Power Operating Temperature [°C]		+10 to +40		
Communications		LAN, USB & RS485		
Protection Class		Class I		
DRED Operations		DRED 0		
Operating Altitude		Up to 2000m		
Compliance		AS4777, G98, G99		

INVERTER

DC Voltage Range [V DC]	84-216
Maximum DC Current [A DC]	40
Max AC Current [A AC]	25
Maximum Power [W]	5000
Maximum Efficiency	96%
IP Protection Rating	IP55
Inverter Module Weight [kg]	31

BMS

DC Voltage Range [V DC]	60-200
Maximum DC Current [A DC]	40
IP Protection Rating	IP55

BASE

Rated Fuse Current [A]	63
Rated Fuse Voltage [V DC]	700