

DURACELL®

ENERGY Bank



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Data Table

Type

Energy Bank DURA3EBV1

On-grid

Nominal Voltage	Single Phase AC230V
Maximum Current	13A
Nominal Frequency	50Hz
Maximum Power	3.3kWh
Current Harmonics	<5%
Power Factor	-0.99~+0.99

Protection

Bms	Short Protection
	Under Temperature Protection
	Overheat Protection
	Overvoltage Protection
	Low-voltage Protection
	Over Current Protection

Off-Grid

Voltage Range	Single Phase 230v±1%
Nominal Current	8a
Maximum Current	16a
Nominal Power	2kva
Nominal Frequency	50hz
Total Harmonic Distortion Of Voltage	<3%
Load Power Factor	0.7~1

Other

Work Humidity	10%~95%
Altitude	<2000m
Cooling Method	Air Cooling
Noise	<45db
Communication Interface	Ethernet
Work Temperature	0~40°C
Storage Temperature	-10°C~40°C
Size	680mm W × 256mm D) × 610mm (H)
Pure Weight	About 96kg
Protection Level	Ip32
Work Condition	Indoor (No Condensation, frozen, Sunshine)

Protection

PCS	AC voltage Protection
	AC frequency Protection
	DC voltage Protection
	Anti-islanding Protection
	Overheat Protection

Standards

Safety standard	EN 62477-1, EN 62109-1/2, EN62040
EMC standard	CE-EMC
On-grid standard	VDE 4105, VDE 0126-1-1, G 83 (pending)
Battery standard	IEC62619

Battery

Nominal Voltage	52v
Type	Lifepo4
Capacity	3.3kwh@dc Side

Warranty

Battery 10 years *60% minimum capacity at year 10 years
Electrical Systems - 6 years

dod Range

85%