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ENERGY

CEDRES ENERGY

Duracell 5+ Datasheet



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Inverter Protocol Auto-match

Maximum 5 modules parallel

Master-Slave Address Auto-set

Module level auto-balancing

Plug in and Play
[based on standard parallel kits]

Battery Auto-force charge
[For selected inverter brands]

Battery Auto-sleep and wake-up upon inverter command
[For selected inverter brands]

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10000 cycles at 90% DOD



1C/1C continual charge and discharge



10 years standard warranty



Superior LiFePO4 safety performance



Low voltage safety connection



IP65 protection

DURACELL 5+

Total Energy [kWh]	5.0
Useable Energy [kWh]	4.5
Nominal Voltage [V]	51.2
Nominal Capacity [Ah]	100
Operating Voltage Range [V]	40~58.4
Nominal Charge Current [A]	100
Nominal Discharge Current [A]	100
Peak Discharge Current [A]	110
Calender Life [Year]	20 years @25℃, 15 years @35℃, 10 years @45℃
Depth of Discharge [%]	90
Data Communication	CAN/RS485
Temperature	0-55℃ Charge, -5~60℃ Discharge
Enclosure Protection Rating	IP 65
DC Isolator	Integrated
Certificate	IEC62619/CE
Scalability Range/Mode	Max. 5 Modules Parallel
Installation Mode	Wall Mounted
Dimensions [W*H*D]	386.40*737*150.30mm
Weight	62KG
Warranty	10,000 cycles at 90% DOD, or 10 years

- Compatible inverter brands: Solis/Victron/Imeon
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