



CUBE 800 All-In-One Backup System

The **REV OV CUBE 800** is a compact, fully integrated, all-in-one backup system with pre-programmed inverter pre-connected batteries and Battery Management System (BMS), a 5kW inverter with 7800W MPPT. The entire unit contains all the necessary wiring and correct fusing, thereby making it quick to install and easy to store.

The complete 10.2kWh units are perfect for residential or small businesses requiring backup. This DC system stores energy, detects grid status, and automatically supplies your home or business when the national grid is compromised.

KEY FEATURES

- The **CUBE 800** is a 5kW/10.2kWh pre-configured bi-directional UPS inverter, capable of feeding back into your local grid and with an immediate backup transition from grid to battery power
- Provision for the attachment of solar panels with built-in MPPT solar charge controller, capable of 7800W input at 500VDC
- Warranted for daily cycling with built in NRS compliant protection
- Pure Sine Wave AC Output- long-lasting and safe, with no damage to appliances
- Remote monitoring function as standard
- Three phase & parallel configurations available on request (3 CUBE units)

Note:

- The **CUBE 800** is not IP rated so the unit must be installed indoors.
- A qualified installer and/or electrician will need to install the **CUBE 800**.

CODE: SYS-2LiFe-CUBE800-SS-200-10.2

WARRANTY

REV OV Batteries (PTY) LTD: 10 years or 3 500 cycles at 1 cycle per day. 5 year warranty for Sunsynk/Deye inverter used in the **CUBE 800**.

DOD When used properly every day the **CUBE 800** can be safely discharged to 100% of its rated 200Ah capacity. Battery life is shortened if it is discharged beyond its rated Ah capacity. Battery must be charged to 100% SoC on every cycle to ensure warranty and 100% SoC alignment.

SPECIFICATIONS

OUTPUT	
Transfer Time	Max 20ms
Waveform	Pure Sine Wave
Power Output	5000W
Max Peak Power Output	12 000W for 10sec
Voltage	230V
BATTERY	
Nominal Voltage	51.2VDC
Nominal Capacity	200Ah
Bulk/Absorption Voltage	55.5V
Floating Charge Voltage	54.5V
Max Charge Current	60A per Battery
Energy Capacity	10.2kWh
Recommended Charge Current	60A
Available Depth of Discharge	95%
Maintenance	Charge the battery every 6 months when not in use.
SOLAR CHARGER	
Max Charging Current	135A
System Voltage	48VDC
Operating Voltage Range	100 ~ 500VDC
Max. PV Array Open Circuit Voltage	500VDC
Max PV Array Power	6500W
DIMENSIONS & WEIGHT	
Dimension (LxWxH)	600mm x 600mm x 800mm
Weight (kg)	135kg