

RW15PB

RENEWINGCUBE 4,2 kWh - 1500 VA

RENEWING CUBE



Storage Capacity

at 100-hour discharge mode 4.2 kWh	4.2 kWh
at 10-hour discharge mode (P = 0.5 kWh)	3.75 kWh
at 3-hour discharge mode (P = 0.5 kWh)	3.0 kWh
at 1.5-hour discharge mode (P = 0.5 kWh)	2.25 kWh

AC Output

Continuous power	1500 VA
Overload 30 min / 60 sec	1875 / 2625 VA
Overload protection	Safety fuse
Output frequency (customisable)	50 ±0.3 Hz
Output AC voltage (customisable)	220 - 240V (230V on default)
Total Harmonic Distortion (THD) at rated power	< 3%
Idle self-consumption	12 W
Max. efficiency	95%

AC 1 Input (Grid)

AC 1 input current (customisable limit)	3 - 40 A
Automatic transfer relay rating / switching time	40 A / 20 ms
AC 1 input voltage limits (bypass/charge mode)	230V (±20%)
AC 1 input frequency range	50 ±2Hz

General Specifications

Product dimensions (H x W x D)	895 x 710 x 455 mm
Weight	±210 kg
Operating Temperature range	-25°C to +70°C (-13°F to 158°F) Power derated above 25°C (77°F)

Battery

Battery design	Sealed (VRLA/GEL) maintenance-free lead/acid cells (6 OPzV, 2V, 350Ah, 6 pcs.)
Rated capacity C5	300 Ah
Rated capacity C10	330 Ah
Rated capacity C100	350 Ah

Features

Microprocessor features	DC Input current measurement, voltage measurement of each element/block, external generator start/stop interface, battery/grid/PV priority selection
Display	Color touchscreen
Charge temperature compensation	Yes
Battery temperature sensor included	Yes
Communication interface	Wi-Fi, Ethernet (RJ45)
Remote monitoring system	Cloud monitoring system available



AC 2 Input (External Generator)

AC 2 input current (customisable limit)	3 - 40 A
AC 2 input voltage limits (bypass/charge mode)	230V (±20%)
AC 2 input frequency range	50 ±10Hz

DC Input (up to 3 external PV controllers can be connected)

Input DC voltage range	9.5 - 17V
Maximum input DC current	250 A