

PRODUCT CODE: 150DCUPS-PPC-S1224-01**DESCRIPTION: 150W DC Uninterruptible Power Supply – Off Grid**

The DC UPS is an integrated DC outdoor uninterruptible power supply system (UPS). It provides support for clean energy sources such as solar and wind power generators. It is suitable for use in low power applications with long autonomy.

APPLICATIONS

- ISP nodes
- Security cameras
- Access points
- IoT applications

FEATURES

- Plug & Play design
- Support for poles
- UV Protection
- Built-in electric protections
- Lightning and surge protection
- MPPT for solar panels
- LFP battery



TECHNICAL SPECIFICATIONS

PARAMETERS		150DCUPS-PPC-S1224-01
Inputs	MPPT	10-60Vdc / <=480W
Regulated outputs	Output 1	24Vdc <=150W
	Output 2	12Vdc <=60W
	Total output power (*)	<=150W
	Regulation	Vdc +/- 1%
	Ripple	+/- 200mv
Battery Charger	Charging modes	Float/ 3 stages
	Nominal Voltage	24Vdc
	Current	<=20A/h
Battery	Type	LFP (LiFeP04)
	Nominal voltage	25.6V
	Capacity	50Ah (1280W)
Protections	Input	Over voltage and under voltage
	Output	Short-circuit and over current
	Battery	Voltage, temperature, current
Door sensor		Front door open instant message
Communications		Wi-Fi, Ethernet
Working environment	Use	Outdoor
	Temperature	0 to +45°C
Mechanical	Enclosure Material	SGCC Galvanized sheet
	Dimensions	W x H x D (mm) 490 x 600 x 360
	Net weight	38 kg

Note (*): When using the 12VDC output, the power supported by the 24VDC output will be reduced, maintaining a total power of 150W for the UPS output.