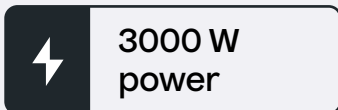
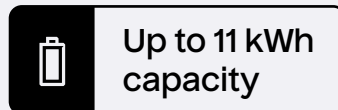


WATSUN®

Wattsun® Dock 3000 Wattsun® Pack 3000



3000 W
power



Up to 11 kWh
capacity

Technical specifications Wattsun® Dock 3000

Output (AC)

Voltage	230 V
Frequency	50 Hz
Continuous power	3000 W
Peak power	6000 W (5 sec), 4500 W (10 sec)
Max. AC output power	3250 W
Rated AC output current	13 A

Battery

Battery capacity	1800 Wh
Cell technology	Lithium-ion
Number of cycles	> 1000 (25°C)
Nominal voltage	52 Vdc

Charging 230 Vac

Charging power	820 W
Maximum charging current	4 A
Charging voltage	230 Vac
Charging time	2 hours

Solar charging Vdc

Max. DC input power	1400 W
Max. PV input voltage	102 V
MPPT range	55 ~ 80 V
Start-up voltage	55 V
Number of MPPT	1

General

Uninterruptible Power Supply (UPS)	Yes
Ambient temperature during charging	5°C ~ 40°C
Ambient temperature during discharging	-20°C ~ 40°C
Storage temperature > 1 month	0°C ~ 25°C
Relative humidity during use	5% ~ 95% non-condensing
Weight	18.9 kg
Dimensions	510 * 340 * 230 mm (L*W*H)
Protection class	IP 43
Cooling	Active
Sound	<42 dB(A)
Housing	Powder-coated aluminum
Discharge efficiency	Max. 96.5%
DC charging efficiency	>98%
AC charging efficiency	Max. 96.5%

Safety

General	Water detection protection Over-temperature and under-temperature protection Overvoltage and undervoltage protection Overload protection Short-circuit protection
Output protection	AC output surge protection AC output short-circuit protection

Switching times

Solar charging	~ 60 sec: Start-up time for charging after connecting solar
Battery to mains power	15 sec: Start-up time for charging after connecting to mains power
Wattsun Dock - mains power	20 ms
Mains - Wattsun Dock	20~200 ms

Technical specifications Wattsun® Pack 3000

Battery

Battery capacity	2300 Wh
Cell technology	Lithium-ion
Number of cycles	> 1000 (25°C)
Nominal voltage	52 Vdc

Charging DC (external charger)

Charging power	600W of 360W
Maximum charging current	10A or 6A
Charging voltage	58.8 Vdc
Charging time	3.5 hours (charger 600), 6 hours (charger 360)

General

Ambient temperature during charging	5°C ~ 40°C
Ambient temperature during discharging	-20°C ~ 40°C
Storage temperature > 1 month	0°C ~ 25°C
Relative humidity	5% ~ 95% non-condensing
Weight	18.3 kg
Dimensions	510 * 340 * 230 mm (L*W*H)
Protection class	IP 43
Cooling	Active
Sound	<42 dB(A)
Housing	Powder-coated aluminum

Safety

General	Over-temperature and under-temperature protection
	Overvoltage and undervoltage protection
	Overload protection
	Short-circuit protection





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