

DNBS2500H

Donnergy Balcony Solar Station

Specifications



Easy plug-and-play installation, compatible with 99% of the market solar panels and microinverters.



Support microinverter parallelism, Expand capacity and support greater output power.



Noiseless design, IP65 waterproof, high temperature resistant fireproof material, Meet the conditions of all-weather use of the balcony.



Lithium iron phosphate battery, 7 layers of safety protection, 6000+ cycles, 10 years cycle.



Integrated MPPT, BMS power management technology, support battery 2240Wh-6720Wh capacity expansion



Real-time monitoring of intelligent APP, convenient for multi-scenario application switching.

Model	DNBS2500H	DNPA2500H(EXTRA BATTERY)
GENERAL		
Cell Chemistry	LifePO4	LifePO4
Capacity	2240Wh	2240Wh
Nominal Current	50A	50A
Lifecycle	6000+ Cycles to 80% Capacity	6000+ Cycles to 80% Capacity
Storage Temp	-10°C~45°C	-20°C~60°C
Operating Temp	-10°C~40°C	0°C~50°C
Material	ABS + PC/Metal	ABS + PC/Metal
Weight	20±0.5kg	18±0.5kg
Dimensions	350*295*175mm	350*295* 175mm
Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc.	OVP, UVP, OCP, SCP, OTP, UTP, etc.
Wireless	BT5.2 + WIFI 2.4G	/

GENERAL	DNBS2500H	DNPA2500H(EXTRA BATTERY)
MC4*2 PV INPUT		
Power	500W*2 Max	/
Voltage Range	12V~59V	/
Max. Input Current	10A	/
MC4*2 OUTPUT		
Power	400W*2 Max	/
Voltage Range	42V~50.4V	/
Max. Output Current	11.9A	/
INPUT		
Battery Voltage Range	44.8V	44.8V
Charge Voltage	52.5V	52.5V
Charge Current	50A	50A
OUTPUT		
Discharge Current	100A	100A
DoD	90%	90%