

Roller 2-in-1 inverter + battery

TTN-ROLLER21

5.5k Winverter with
5.12kWh LiFePO4 battery



Portable roller wheel design



Multi output ports



High efficiency,
High performance



Support portable or foldable solar panels



4 smart work modes to save power



WiFi remote monitoring



Inverter & battery 2-in-1



PARAMETERS

Model	TTN-ROLLER21-0505
Inverter	
Rated output power	5.5kW
Max. PV input power	5500W
AC output voltage	Single phase 110v or 220v (operation voltage range +/-10%)
Wave form	Pure Sine Wave
PV Voltage (short circuit)	500Vdc
MPPT Voltage range	120-450Vdc
Grid AC voltage range	110V(90Vac-280Vac)±2%,220V(170Vac-280Vac)±2%
Grid AC frequency	50Hz/60Hz(auto matching)
Inverter efficiency	>92%
Battery	
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Cycle Life	>6000 cycles @ DoD 80%,25℃ , 0.5C
General Info	
Battery charging modes	PV Panel & AC Grid
Output ports	AC terminalx1, USB 5V 3.0x4, DC 12Vx4, AC socketx2 (US or E.U option)
Ambient temperature	Charging: 0℃~55℃; Discharging: -20℃~60℃; Storage: 0℃~50℃; Humidity: ≤85% RH
Protection levels	IP21
Size(L*W*H mm)	845*530*200
Weight(kg)	60
Certification for cells	CE, UL, IEC 62109-1 & -2, IEC 62477, EN61000, UN38.3
Certification for battery	CE, UN38.3, MSDS, Transportation Safety Certificate.
Certification for inverter	CE, UL(CETL,CSA), IEC62109, RoHS,EN61000 EMC