

Invertor solar On-grid 6Kw USB, WIFI, Alien

kategoria: Kategorie > SOLAR System



Kod QR:



MODEL PH50-6000M

RATED POWER(W) 6000

PV INPUT(DC)

Maximum recommended DC power(W) 7000

Nominal DC operating voltage(V) 360

strona: 1/5 wydrukowano: 26-03-2025

<http://www.asun.pl/invertor-solar-on-grid-6kw-usb-wifi-alien.html>

Maximum DC voltage(V) 550

Start voltage(V) 100

MPPT voltage range(V) 80~550

Maximum input current(A) 15/15

No.of MPP tracker 2

Strings per MPP tracker 1

GRID OUTPUT(AC)

Nominal AC output power(W) 6000

Maximum AC output power(VA) 6000

Nominal output voltage(V);range(V) 220 / 230 / 240;180-280

AC grid frequency(Hz);range(Hz) 50/60;45~55/55-65

Nominal output current(A) 26,1

Maximum output current(A) 27,3

Total harmonic distortion i (THDi) ?3%@Full load &THDv <1%

Power factor at rated power 1

Displacement power factor 0.8leading ? 0.8lagging

AC connection Single phase

EFFICIENCY

Maximum efficiency 97,4%

Euro-efficiency 97,0%

MPPT efficiency 99.5%

Self-Consumption night(W) <1

PROTECTION DEVICES

DC reverse polarity protection Yes

DC switch rating for each MPPT Yes

Output over current protection Yes

Output overvoltage protection-varistor Yes

Ground fault monitoring Yes

Grid monitoring Yes

Integrated all-pole sensitive leakage current Yes

Dimension(W/H/D)(mm) 355*412*201

Net weight (kg)16.5

INTERFACE

DC connection H4/MC4

AC connection Connector

Display LED

Communication interfaces Wi-Fi / USB / GPRS

ENVIRONMENT

Ingress protection rating IP65

Humidity 0-100%

Operating temperature range -25? ~+60? With derating above 45?

Cooling concept Natural

Noise emission(typical)[dB] ≤ 25

Altitude <4000m

OTHERS

Topology transformerless