



TECHNICAL SPECIFICATION

# **Inverter – hybrid**

## **Model: H52**

ENERGY TRANSFORMATION IS HERE. IT'S TIME TO TAKE CHARGE.

# Inverter hybrid for QuiPower Storage

## Technical data inverter H52

Input DC (battery)	Inverter H52
Max charging/discharging Power (W)	4000/4000
Operating Voltage Range (V)	120-700
Max. charging voltage (V)	700
Max. charging current (A)	18
Max. discharging current (A)	18

Input DC (PV)	Inverter H52
Max. input power (W)	5200
Max. input voltage (V)	855
MPPT Voltage Range (V)	150-800
Rated voltage (V)	670
Max. current (A)	2*11
Max. shorted current (A)	2*13,8
MPP tracker (number of)	2

### Inverter H52

- Integrated if selected for QuiPower Storage Indoor and Outdoor
- Mounted separately together with QuiPowerStorage Module
- Wall mount included (Module)



Kung Hans väg 3  
192 68 Sollentuna  
Sweden

+46(0)10 - 122 17 00  
info@enequi.com  
www.enequi.com

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Output AC (Loads/Grid)	Inverter H52
Rated power (W)	5000
Rated Voltage (V)	3N - 400
Max. current output (A)	8
Power factor with rated power	(-0,8, 0,8)
THD	<3%

Output AC (Backup Power)	Inverter H52
Rated AC Power Output (W)	5000
Rated Voltage Output (V)	3N - 400
Rated Frequency Output (Hz)	50
THD	<3%

Protective Devices	
AC short-circuit	Yes
DC reverse polarity protection	Yes
DC switch	Yes
Surge protection	Yes



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Efficiency	Inverter H52
PV Efficiency	97,5%
Battery efficiency	96,5%
MPPT efficiency	99,9%
Europe efficiency	95,1%

General data	Inverter H52
Operating temperature range (deg.C)	-25 to 60
Relative humidity	<=95%
Altitude (m)	<=2000
IP Protection Class	IP 65
Cooling	Forced air cooling
Noise (dB)	55
Interface	CAN/ RS485 /WIFI
Dimension (W*H*D) (mm)	473 * 595 * 233
Weight (kg)	40
Display	LCD

Certification	Inverter H52
Standards	VDE-AR-N 4105/08.11
	E-DIN VDE 0124-100/10.12
	IEC/EN 62109-1:2010
	IEC/EN 62109-2_2011
	IEC/EN 61000-6-2:2005
IEC/EN 61000- 6-4:2007-A1	



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