



TECHNICAL SPECIFICATION

Inverter – Bi-directional

Model: B180

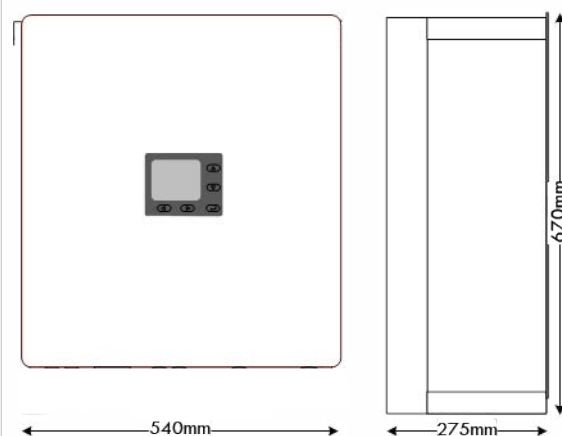
ENERGY TRANSFORMATION IS HERE. IT'S TIME TO TAKE CHARGE.

Inverter - Bi-directional for QuiPower Storage

Technical data inverter B180

Input DC	Inverter B180
Operating Voltage Range (V)	250-800
Charging upper limit voltage (V)	Adjustable within range
Discharging cut-off voltage (V)	Adjustable within range
Max. DC discharging current (A)	40
Max. DC Charging current (A)	40

Output AC	Inverter B180
Continuous output power (W)	17800
Max. output power (W)	18000
Nominal output voltage(V)	400
No. Of feed-in phases	3
Operating output voltage range (V)	324-436,437-460
AC Voltage frequency range (Hz)	47,55-51,45 (50 rated)
Nominal output current (A)	26,1
Max. output current (A)	28,7
Power Factor (lambda)	(-0,95 , 0,95)
Standby Power Consumption (W)	<15
THDi (100% full power)	<3%



Inverter B180

Inverter B180

- Integrated if selected for QuiPower Storage Indoor and QuiPower Storage Outdoor



Kung Hans väg 3
192 68 Sollentuna
Sweden

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

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Technical data inverter B180

Efficiency	Inverter B180
Max. charging/discharging efficiency	>=97%

General data	Inverter B180
Topology	Without transformer
Heat dissipation	Forced air cooling
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	USB / RS485
Dimension (W*H*D) (mm)	540 * 670 * 275
Weight (kg)	48
Display	LCD

Certification	Inverter B180
Standard	VD-AR-N 4105 IEC 62477

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



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