



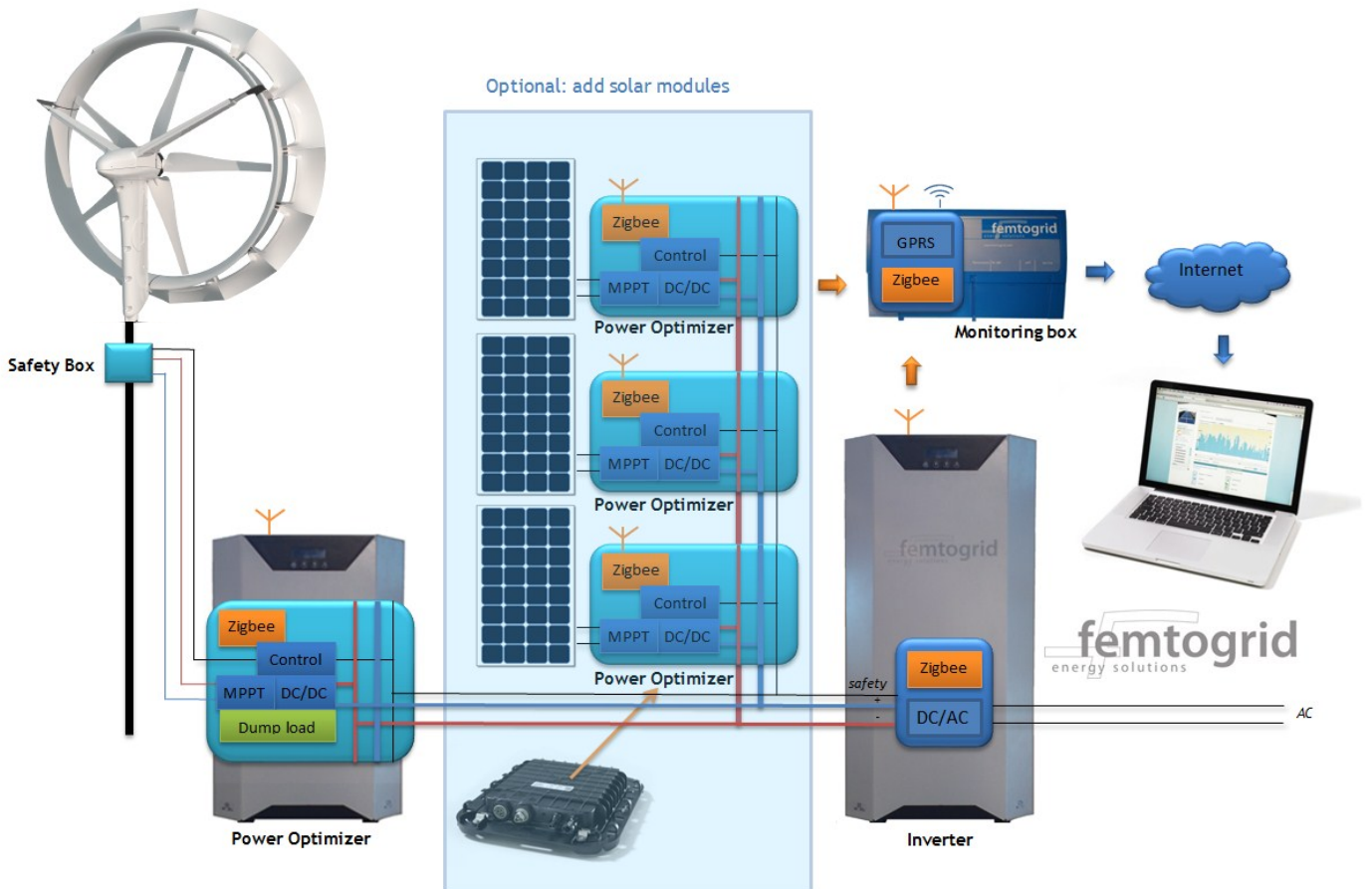
Urban wind solution

Femtogrid Energy Solutions provides a scalable wind inverter system which lets you combine multiple turbines and solar panels in the same system. No cross influence from any turbines or panels. The Wind Power Optimizer provides a maximum energy yield from your turbine in most weather circumstances.



WPO2500

Femtogrid Wind System



Femtogrid Wind System



We build equipment to optimize sustainable energy systems by increasing performance at low cost.
A typical FemtoGrid Wind System, consists of:

- FemtoGrid Wind Power Optimizer
- FemtoGrid Inverter
- FemtoGrid Cabling
- FemtoGrid Monitoring Box

FemtoGrid®	Wind Power Optimizer	
Type	FG-WPO2500-UW002	Dimension

Compatible only with **Anakata A018**

Input characteristics

Pmax constant	2500	W
Nominal DC power	2400	W
Voltage range	0/200	Vdc
Break/safety voltage	120	Vdc
Maximum DC current	17.5	A
Dumpload	(Built in, dynamic) Max 12 A @ 120V	

Power Optimizer Output

Maximum DC power	2500	W
Nominal output voltage (FemtoGrid voltage)	380	Vdc
Maximum output current	7	A
Cut in power (sustainable)	5	W

Standard Compliance

EMC: Immunity	EN61000-4-2/3/4/5/6/11
EMC: Emission	EN55022/EN60601-1-2 / EN61000-3-3
Safety	EN60950
CE	yes
RoHS/WEEE/REACH	yes
Safety class	Class I
Protection rating	IP31

General

Parallel / Scalable	Yes, to a maximum of 8 kW with 4mm ² cable	
Housing	Indoor	
Dimensions (WxHxD)	325x447x197	mm
Ambient temperature	-10/+65	°C
Weight	±15	kg
DC turbine connections	AMP - Faston	Type
Output connections	FemtoGrid/Wieland	Type
Safety-line voltage ('neutral')	48	V
FemtoGrid feed through current in-out	20	A