



- ✓ Double MPP tracker
- ✓ Export limitation function
- ✓ Future proof
- ✓ Off grid- and emergency power
- ✓ User friendly free app

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## Firefly - 5K

### Hybrid inverter

#### PV input

Maximum PV input	8000W
Nominal voltage	360 VDC
DC voltage range	100 - 550 VDC
MPPT voltage range	120-500 VDC
DC start-up voltage	140 VDC
Number of MPPT's	2
Max. current	12,5 + 12,5A
Max short circuit current	13,7 + 13,7A
Max. PV power per MPPT	4000 + 4000W

#### AC output

Nominal AC-power	5000W
Max. output power	5000W
Max. output current	25A
Nominal voltage	230VAC
AC voltage range	180-270VAC
Frequency	50 HZ
Power factor (Cos φ)	0,8 leading/lagging

#### EPS function

Nominal AC power	3,6kW
Peak power	4,5kW (30 sec.)
Nominal voltage	230VAC
Frequency	50Hz
Switchover time	<10 ms

#### External factors

Temperature	-10 to 40 °C
Humidity	0 - 90%
IP rating	IP65
Sound level	<25dB

#### General

Warranty	10 jaar
Dimensions (lxxh)	451x469x184mm
Weight	20 kg
Standby power usage	<5W
Communication	Modbus TCP, Can, RS485, Wifi
Cooling	Passive
Demand respons management (DRM)	Yes
App	Ios/Android
Display	9 inch
Synergrid approved	yes
Certification	CE LVE, CE EMC, EN 62040-1, DIN EN 4105, EN50549-1, AS4777, VDE-AR-N4105, VDE0126, G83, G59, IEC62109-1-2, IEC62040, EN61000-6-1, EN61000-6-2, EN61000-6-3

