

Letrika Sol d.o.o.

Vrtojbenska cesta 64

5290 Šempeter pri Gorici

Slovenija

E-mail: info@letrikasol.com

www.letrikasol.com

SOLAR MICRO INVERTER 260



- Unique micro inverter with real and reactive power control
- Developed and manufactured in EU (Slovenia) according to the automotive quality standards
- It is suitable for any kind of 60 and 72-cell panels up to 310 Wp
- IP67 protection, completely potted
- Only foil capacitors inside (no electrolytic capacitors), allowing very long life-time (25 years)
- W-MBUS (wireless) communication
- Extremely precise MPPT algorithm (99.9 %)
- Housing of “die casting aluminum”
- Three stage conversion
- Reinforced insulation
- Integrated IPS (Interface protection system=relay)

Technical characteristics:

	Parameter	Value
1	Recommended rated input DC power	200 W - 275 W
2	Max. PV panel power	up to 310 Wp
3	Max. DC input voltage	60 V
4	MPPT range	21 V-55 V
5	Min. start voltage	21 V
7	Max. DC short circuit current	12 A
8	Max input current	10.5 A
9	Operating range	15 V- 60 V
10	Nominal apparent AC power	290 VA
11	Nominal real AC power	260 W
12	Nominal reactive AC power (at power factor 0.9)	125 VAR
13	Max. reactive power	0 – 260 VAR (cap., ind.)
14	Nominal output current	1.15 A
16	Frequency range	50 Hz (47.5 Hz-55 Hz) According to standards
17	Voltage range 240 V systems	180 V – 270 V According to standards
18	Reactive power regulation	1 (Unity) 0.8 cap. ... 1 ... 0.8 ind. Dynamic regulation
19	THD odd harmonics	< 3 %
20	Efficiency max.	96.1 %
21	Efficiency CEC/EURO	95.5 % / 95.3 %
22	MPPT efficiency	99.9 %
23	Panel's cell ripple current	50 mA
24	Ambient temperature	-40 °C ... +65 °C
25	Cooling	Natural
26	Communication	WMBUS 868 Mhz
27	Complies to	EN 50438, VDE 4105, CEI 0-21, G83/2, EN 62109-1, EN 62109-2, EN 61000-6-3, EN 61000-6-1, RoHS
26	Lifetime expectancy	25 years
27	Limited warranty	25 years
28	Housing	Die casted aluminum
29	IP protection	IP67, completely potted
30	Dimensions	209x221x40mm
31	Mounting brackets	M8x16, distance 130 mm
32	Weight	cca 2.5 kg
33	AC connection system	Amphenol LTW VTC or Wieland RST
34	DC connection system	Amphenol LTW H4
35	Standby consumption	0 W
36	Integrated Interface Protection System/Anti-islanding protection	as for VDE 4105