



# INVERTER SMILE5-INV



## Technical Specification

### PV Input (DC)

Maximum Input PV Power	2 x 3300 W
Maximum DC Voltage	580 V
Nominal DC Voltage	360 V
Start-up DC Voltage	125 V
MPPT Voltage Range	125 ~ 550 V
MPPT Number	2
Maximum Input Current	2 x 12 A
Maximum Short-circuit Current	2 x 15 A

### Grid Output (AC)

Rated Power	4600 W
UPS(Resistive load)	Yes
Nominal Output Voltage	230 V
Output Voltage Range	180 ~ 270 V
Maximum Output Current	22 A
Output Power Factor	0.8 leading to 0.8 lagging
Grid Connection	Single-phase

### Battery Input (DC)

Nominal DC Voltage	48 V
DC Voltage Range	40 ~ 60 V
Maximum Charging Current	100 A
Maximum Discharging Power	4600 W
Compatible Chemistry	LFP

### Efficiency

Maximum Efficiency	97.6%
EURO Efficiency	97.0%

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