

Technical data			
Description	Alessi 200i-12	Alessi 200i-24	Alessi 200i-48
Output power ¹⁾ : @ Ta = 25°C			
Pnom	175VA	175VA	175VA
P30minutes	200VA	200VA	200VA
Psurge	400VA	500VA	500VA
Output voltage	230Vac ± 2% or 115Vac ± 2%		
Output frequency	50Hz ± 0.05% or 60Hz ± 0.05%		
Output waveform	True sinewave (THD < 5% ¹⁾ @ Pnom)		
Admissible cos φ of load	0.6 – 1		
Input voltage (± 3% tolerance) :			
Nominal	12Vdc	24Vdc	48Vdc
Range	10.5 ²⁾ – 16Vdc	21 ²⁾ – 31Vdc	41 ²⁾ – 60Vdc
Maximum efficiency	90%	91%	93%
No load power consumption at nominal input voltage [ASB]	< 2.8 W [0.4W]	< 3 W [0.7W]	< 4 W [0.5W]
Operating temperature range (ambient)	-20°C to +50 °C		
ASB threshold	Pout = 12W	Pout = 15W	Pout = 15W
Protections against	Short circuit, overload, high temperature and low battery voltage		
Indications (by pre-programmed flashing sequences of the power LED)	Power on, short circuit/overload, high temperature, high/low battery voltage and ASB mode		
DC input connection	Two wires, length 1.5 meters, Ø 4 mm ²		
AC output connection	IEC-320 AC outlet		
Enclosure body size (l x h x w)	154 x 98 x 130 mm (without mounting brackets)		
Protection class	IP20		
Total weight	2.4 kg		
The inverter complies with the following standards :	EN50081-1, EN50082-1, EN60335-1 Automotive Directive 95/54/EC		
e-Mark :	e4-1394 e4-1395 e4-1396 e4-1397		

Note : the given specifications are subject to change without notice

- 1) Measured with resistive load. Power ratings are subject to a tolerance of ± 4% and are decreasing as temperature rises with a rate of approx. 1.2%/°C starting from 25°C.
- 2) Undervoltage limit is dynamic. This limit decreases with increasing load to compensate the voltage drop across cables and connections.