

Information conform commission regulation (EU) 2019/1782 regarding ecodesign requirements for external power supplies pursuant to directive 2009/125/EC of the European Parliament and of the Council

Information published	Value and precision	Unit	Notes
Karsten International B.V. Overschiestraat 63 1062 XD Amsterdam The Netherlands Commercial registration No.: 529 15 026	-	-	-
3D PEN POWER SUPPLY-IAN 337984_2001	-	-	RA053-0502000EU RA053-0502000UK
Input voltage	100-240	V	Specified by the manufacturer. Shall be a value or a range.
Input AC frequency	50/60	Hz	Specified by the manufacturer. Shall be a value or a range.
Output voltage	5.0	V DC	Nameplate output voltage. Shall indicate whether is AC or DC. In cases where more than one physical output or more than one output voltage at load condition 1 are measured, the sets of available Output voltage — Output current — Output power shall be published.
Output current	2.0	A	Nameplate output current. In cases where more than one physical output or more than one output voltage at load condition 1 are measured, the sets of available Output voltage — Output current — Output power shall be published.
Output power	10.0	W	Nameplate output power. In cases where more than one physical output or more than one output voltage at load condition 1 are measured, the sets of available Output voltage — Output current — Output power shall be published.
Average active efficiency	79.1	%	Declared by the manufacturer based on the value calculated as arithmetical mean of efficiency at load conditions 1-4. In cases where multiple average active efficiencies are declared for multiple output voltages available at load condition 1, the value published shall be the average active efficiency declared for the lowest output voltage.
Efficiency at low load (10 %)	72.5	%	Declared by the manufacturer based on the value calculated at load condition 5. External power supplies with a nameplate output power of 10 W or less shall be exempted from this requirement. In cases where multiple average active efficiencies are declared for multiple output voltages available at load condition 1, the value published shall be the value declared for the lowest output voltage.
No-load power consumption	0.05	W	Declared by the manufacturer based on the value measured for load condition 6.