

UPS Technical Specification

Declaration of additional requirements in accordance with IEC 62040-4

Keor T EVO		
Subclause IEC 62040-4	Declared environmental aspect	LEGRAND's declared value
5.2.2	Location of manufacturing plant(s)	Turkey
	Environmental management system (certification status and name of system)	ISO 14001
5.2.3	Model	LG-311036
	Power, rated – apparent – active	40 kVA 40 kW
	Representative UPS	Yes
	Range of UPS covered by representative UPS	Keor T EVO offer
	UPS configuration	Parallel UPS with distributed bypass
	Performance classification	VFI-SS-111
	Dimensions (height × width × depth)	1650 x 600 x 900 mm
	Mass	255 kg
	Mass of batteries if integrated	-
	Battery technology	VRLA
	Product packaging (mass, material)	Total weight of Reference Product: 274 Kg (all packaging included) Packaging as % of weight: - Wood: 4.3% - Paper / cardboard: 1.0%
Group packaging, if applicable (mass, material)	-	
Transportation packaging, if applicable (mass, material)	-	
5.2.4	Substances – Criterion 1	<ul style="list-style-type: none"> - Lead alloyed (CAS 7439-92-1) in the metals and batteries - Lead titanium zirconium oxide (CAS 12626-81-2) in piezoelectric electronic components - Diboron trioxide (CAS 1303-86-2) in some electronic components - Lead not alloyed (CAS 7439-92-1) in some electronic components

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5.2.5	UPS Efficiency	Up to 96%
	Acoustic Noise	< 60 dBA at 1m
5.2.6	End of life information	<ul style="list-style-type: none">- printed circuit boards if larger than 10 cm²: 5 kg- electric cables: 9.5 kg

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5.3.2.2	Recyclable material, (percentage by mass, calculation method) – in product – in packaging	Calculated using the method described in technical report IEC/TR 62635, the recyclability rate of the product is estimated at 93 %. This value is based on data collected from a technological channel operating on an industrial basis. It does not pre-validate the effective use of this channel for the end of life of this product. Separated into: - plastic materials (excluding packaging): 3 % - metal materials (excluding packaging): 83 % - other materials (excluding packaging): 2 % - packaging (all types of materials): 5 %
5.3.2.3	Life cycle assessment	Global warming Total for Life Cycle: 2.06E+04 kgCO2 eq. Raw material and manufacture: 1.78E+03 - 9% Distribution: 7.70E+01 - < 1% Installation: 8.20E+01 - < 1% Use: 1.87E+04 - 91% End of life: 5.02E+01 - < 1% <i>for more details, check the Product Environmental Profile</i>