

UPS Technical Specification

Declaration of additional requirements in accordance with IEC 62040-4

Keor S		
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	3 101 31
	Power, rated – apparent – active	10000 VA 9000 W
	Representative UPS	Yes
	Range of UPS covered by representative UPS	KEOR S 6-10 kVA
	UPS configuration	Single UPS with bypass or Parallel UPS with distributed bypass
	Performance classification	VFI-SS-111
	Dimensions (height × width × depth)	716 x 275 x 776 mm
	Mass	52000 g
	Mass of batteries if integrated	72000 g
	Battery technology	Lead-acid batteries (VRLA)
	Product packaging (mass, material)	Total weight of Reference Product: 124 kg (all packaging included) Packaging as % of weight: - Paper: 1.3% - Wood: 6.6% - PE: < 0.1%
	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 94%
	Acoustic Noise	< 50 dBA at 1m
5.2.6	End of life information	<ul style="list-style-type: none">- lead-acid batteries: 72000 g- printed circuit boards if larger than 10 cm²: 10180 g- electrolytic capacitors of height > 25 mm and diameter > 25 mm or proportionately similar volume

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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 66 %. 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): 1 % - metal materials (excluding packaging): 24 % - other materials (excluding packaging): 34 % - packaging (all types of materials): 7 %
5.3.2.3	Life cycle assessment	Global warming Total for Life Cycle: 3.06E+04 kgCO2 eq. Raw material and manufacture: 5.84E+02 - 2% Distribution: 6.17E+00 - < 1% Installation: 5.25E-01 - < 1% Use: 3.00E+04 - 98% End of life: 1.22E+00 - < 1% <i>for more details, check the Product Environmental Profile</i>