

## UPS Technical Specification

### Declaration of additional requirements in accordance with IEC 62040-4

Keor PDU		
Subclause IEC 62040-4	Declared environmental aspect	LEGRAND's declared value
5.2.2	Location of manufacturing plant(s)	China
	Environmental management system (certification status and name of system)	ISO 14001
5.2.3	Model	3 103 30
	Power, rated – apparent – active	800 VA 480 W
	Representative UPS	Yes
	Range of UPS covered by representative UPS	Keor PDU offer
	UPS configuration	Basic single UPS
	Performance classification	VFD
	Dimensions (height × width × depth)	86 x 438 x 150 mm
	Mass	4500 g
	Mass of batteries if integrated	2500 g
	Battery technology	Lead-acid batteries (VRLA)
	Product packaging (mass, material)	Total weight of Reference Product: 6369 g (all packaging included)  Packaging as % of weight: - Paper: 12,6% - Wood: 6.6%
Group packaging, if applicable (mass, material)	-	
Transportation packaging, if applicable (mass, material)	-	
5.2.4	Substances – Criterion 1	<ul style="list-style-type: none"> <li>- Lead alloyed (CAS 7439-92-1) in the metals and batteries</li> <li>- Lead titanium zirconium oxide (CAS 12626-81-2) in piezoelectric electronic components</li> <li>- Diboron trioxide (CAS 1303-86-2) in some electronic components</li> <li>- Lead not alloyed (CAS 7439-92-1) in some electronic components</li> </ul>

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5.2.5	UPS Efficiency	Up to 99%
	Acoustic Noise	< 40 dBA at 1m
5.2.6	End of life information	<ul style="list-style-type: none"><li>- lead-acid batteries: 2600 g</li><li>- printed circuit boards if larger than 10 cm<sup>2</sup>: 96 g</li></ul>

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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 73 %. 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): 2 % - metal materials (excluding packaging): 30 % - other materials (excluding packaging): 22 % - packaging (all types of materials): 19 %
5.3.2.3	Life cycle assessment	Global warming  Total for Life Cycle: 1.81E+02 kgCO2 eq.  Raw material and manufacture: 2.34E+01 - 13%  Distribution: 2.47E-01 - < 1%  Installation: 6.99E-02 - < 1%  Use: 1.57E+02 - 87%  End of life: 5.01E-01 - < 1%  <i>for more details, check the Product Environmental Profile</i>