

## UPS Technical Specification

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

UPSaver		
Subclause IEC 62040-4	Declared environmental aspect	LEGRAND's declared value
5.2.2	Location of manufacturing plant(s)	Italy
	Environmental management system (certification status and name of system)	ISO 14001
5.2.3	Model	UPSaver – 2340 kVA
	Power, rated – apparent – active	2340 kVA 2340 kW
	Representative UPS	Yes
	Range of UPS covered by representative UPS	UPSaver offer
	UPS configuration	Parallel UPS with centralized bypass
	Performance classification	VFI-SS-111
	Dimensions (height × width × depth)	2150 x 5200 x 970 mm
	Mass	7923 kg
	Mass of batteries if integrated	-
	Battery technology	VRLA, NiCd, Li-Ion
	Product packaging (mass, material)	Total weight of Reference Product: 8586 Kg (all packaging included)  Packaging as % of weight: - Wood: 5.4% - Paper / cardboard: 2.2%
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>

**UPS Technical Specification**

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

<b>Subclause IEC 62040-4</b>	<b>Declared environmental aspect</b>	<b>LEGRAND's declared value</b>
5.2.5	UPS Efficiency	Up to 97.2%
	Acoustic Noise	< 65 dBA at 1m
5.2.6	End of life information	<ul style="list-style-type: none"><li>- printed circuit boards if larger than 10 cm<sup>2</sup>: 94 kg</li><li>- LCD Screen more than 100 cm<sup>2</sup>: 228 g</li><li>- electrolytic capacitors of height &gt; 25 mm and diameter &gt; 25 mm or proportionately similar volume: 336 kg</li></ul>

## UPS Technical Specification

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

UPSaver		
Subclause IEC 62040-4	Declared environmental aspect	LEGRAND's declared value
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 90.2 %. 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): 2.7 % - metal materials (excluding packaging): 79 % - other materials (excluding packaging): 1.1 % - packaging (all types of materials): 7.4 %
5.3.2.3	Life cycle assessment	Global warming  Total for Life Cycle: 2.25E+06 kgCO2 eq.  Raw material and manufacture: 3.83E+04 - 2%  Distribution: 3.33E+02 - < 1%  Installation: 3.59E+01 - < 1%  Use: 2.21E+06 - 98%  End of life: 5.53E+02 - < 1%  <i>for more details, check the Product Environmental Profile</i>