

UPS Technical Specification

Declaration of additional requirements in accordance with IEC 62040-4

Keor MOD		
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	3 104 80 + 5 x 3 106 75 10 x 3 106 78 5 x 3 106 77
	Power, rated – apparent – active	25-125 kVA 25-125 kW
	Representative UPS	Yes
	Range of UPS covered by representative UPS	Keor MOD offer
	UPS configuration	Single UPS with bypass or Parallel UPS with distributed bypass
	Performance classification	VFI-SS-111
	Dimensions (height x width x depth)	1990 x 600 x 1000 mm
	Mass	468 kg
	Mass of batteries if integrated	432 kg
	Battery technology	Lead-acid batteries (VRLA)
	Product packaging (mass, material)	Total weight of Reference Product: 997 Kg (all packaging included) Packaging as % of weight: - Polyethylene (LDPE): 0.2% - Paper / cardboard: 5% - Wood: 4.8%
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

UPS Technical Specification

Declaration of additional requirements in accordance with IEC 62040-4

Subclause IEC 62040-4	Declared environmental aspect	LEGRAND's declared value
5.2.5	UPS Efficiency	Up to 96.5%
	Acoustic Noise	50 – 65 dBA at 1m
5.2.6	End of life information	<ul style="list-style-type: none">- lead-acid batteries: 432 kg- printed circuit boards if larger than 10 cm²: 59 kg- plastic containing regulated flame retardants- liquid crystal displays of a surface greater than 100 cm²: 128 g- electrolytic capacitors of height > 25 mm and diameter > 25 mm or proportionately similar volume

UPS Technical Specification

Declaration of additional requirements in accordance with IEC 62040-4

Keor MOD		
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 74 %. 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): 39 % - other materials (excluding packaging): 25 % - packaging (all types of materials): 9 %
5.3.2.3	Life cycle assessment	Global warming Total for Life Cycle: 1.64E+05 kgCO2 eq. Raw material and manufacture: 4.40E+03 - 3% Distribution: 3.87E+01 - < 1% Installation: 5.71E+00 - < 1% Use: 1.59E+05 - 97% End of life: 8.69E+01 - < 1% <i>for more details, check the Product Environmental Profile</i>