

Environmental Declaration for Uninterruptible Power Supplies

Supplier's Name : APC Denmark ApS

Supplier's Address: Silcon Allé, 6000 Kolding, Denmark

declares, under his sole responsibility, that the product

Product Name: Uninterruptible Power Supplies

Product Type: APC Silcon 10 - 480 kW 400V

Seller/Manufacturer: APC Denmark ApS, Silcon Allé, 6000 Kolding, Denmark

Type:	10kW	20kW	40kW	60kW	80kW	120kW	160kW	240kW	320kW	480kW
Height	1400 mm	1400 mm	1400 mm	1400 mm	1400 mm	1800 mm	1800 mm	1800 mm	1800 mm	1800 mm
Width (with built-in batteries)	800 mm	800 mm	1000 mm	800 mm	800 mm	1125 mm	1125 mm	1600 mm	1600 mm	1900 mm
Depth	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm
Weight (with built-in batteries)	550 kg	570 kg	650 kg	410 kg	440 kg	800 kg	800 kg	1400 kg	1400 kg	1800 kg

Batteries:

Type: Lead-acid

Instructional information concerning the handling of the batteries in the product including proper installation replacement and disposal is given in the product documentation.

conforms to the following laws, standards, regulations and directives:

Safety EN50091-1
EMC-Directive EN50091-2
CE Mark

conforms to the environmental specifications, as listed in the ECO declaration below:

Operational data: 3x380/400/415V, 50Hz

Energy consumption:

Type:	10kW	20kW	40kW	60kW	80kW	120kW	160kW	240kW	320kW	480kW
Efficiency AC to AC										
100% load	94,8%	95,5%	96,5%	96,1%	96,5%	95,8%	96,3%	96,3%	96,8%	96,8%
Typical losses, nominal load	0,5kW	0,9kW	1,5kW	2,4kW	2,9kW	5,3kW	6,2kW	9,2kW	10,6kW	15,9kW

Physical emission:

Type:	10kW	20kW	40kW	60kW	80kW	120kW	160kW	240kW	320kW	480kW
Audible noise	52 dB(A)	52 dB(A)	55 dB(A)	60 dB(A)	60 dB(A)	71,5 dB(A)	71,5 B(A)	71,5 B(A)	71,5 dB(A)	73 dB(A)

Environmental Declaration for Uninterruptible Power Supplies

Chemical emissions: None (Ozone, Dust, Styrene)
(Normal conditions)

Materials:

The above-described product does not contain:

- Cadmium;
- CFC;
- Mercury;

Upgradability/Extendibility:

Above system is upgradable in the following manner:

System unit: Controller, TSM, SSW, PSU, PU and Batteries.

Spare parts are available 10 years after end of production

The above system is designed for **easy assembly and disassembly**, by using screws.

After end of life, this system can be given back to the supplier for environmental conscious recycling or disposal.

Please contact your supplier for take back information

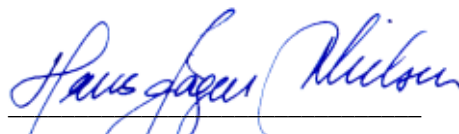
The systems contain following parts, which contain valuable materials and should be disposed of in an environmental acceptable manner.

Batteries, Wiring, Printed Wiring Boards, Fans, Transformers, Doors and Covers (Steel), Capacitors, Relays, Fuses, Current bar (copper), Plastic parts (PC and ABS), Frame (aluminum).

Kolding, 15 May 2000



Quality and Environmental Manager
APC Denmark ApS



Managing Director Hans Jørgen Nielsen
APC Denmark ApS

