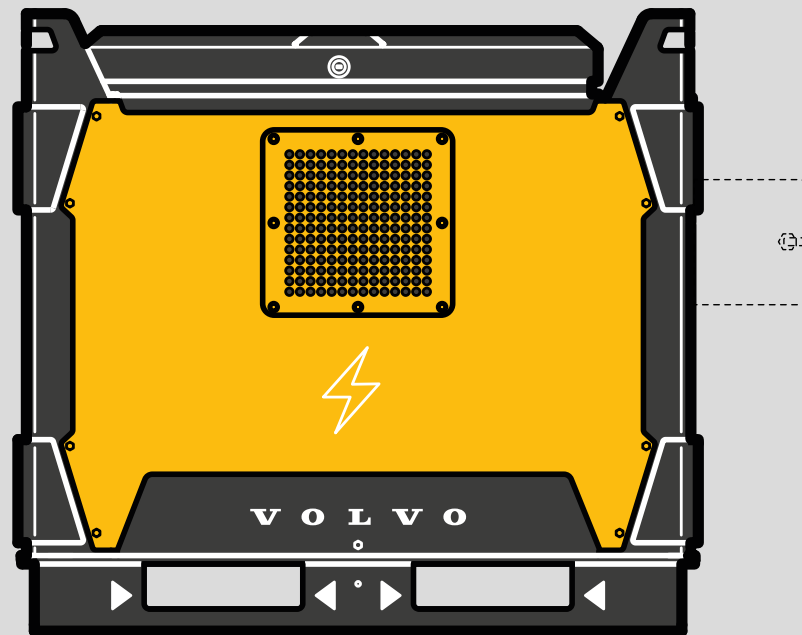


V O L V O

ENVIRONMENTAL DECLARATION

VOLVO POWER UNITS



Environmental Declaration

POWER UNITS

Environmental characteristics below specified by the manufacturer, relate to machines leaving the manufacturers production line.
For other technical specifications, see specification sheet and operator manual for the respective machine.

MANUFACTURER

Volvo Construction Equipment Germany GmbH
D-54329 Konz
Germany

Model		PU40
Battery nominal voltage	V	48
Battery nominal capacity	kWh	40
Power input		
400 V 3ph connection	A	16
230 V 1ph connection	A	max 16
DC 48 V	kW	17
Power output		
2 x 230 V 1ph connection	A	13
48 V	kW	17

CORE VALUES

Quality, safety and environmental care are Volvo's core values. They are designed from the beginning into the product's entire service life. This includes design and engineering, material selection, manufacturing processes, use and recycling.

MANUFACTURERS

The assembly of the complete machines takes place at one of Volvo Construction Equipment's production plants. Our production facilities are all certified according to ISO 14001.

Many of our components and parts are purchased from external suppliers. Volvo Construction Equipment works closely with these suppliers in order to safeguard the environmental requirements for purchased components and parts.

DECLARATIONS

Plastics and other interior materials are fire-classed according to Volvo Standard 5031,1. (104-0001)

The complete machine does not contain any mercury, cadmium or asbestos.

PAINT AND SURFACE TREATMENT

In order to reduce solvent emissions, the machines are painted using (high solid) powder paints and water-based paints. To reduce consumption of water and chemicals, cleaning and recirculation takes place during the pre-treatment processes in the factories.

Specification of paint		
Main components	Paint type	Chlorine
PU40		
Container/Enclosure	Painted Y 600-3, acc to STD 121-0001 and Electrolytically coated Y 1500-3, acc to STD 121-0015	No

SOUND LEVELS

If the Power Unit is specified for sale within the EU, it is certified according to EU EN 3744:2011, EN 3746:2011, (external sound power level).

Model	PU40
External sound power level, dB(A)	76.5

RECYCLING

Volvo Power Units are designed from the beginning for recycling at the end of their useful life cycle. Materials can be reused in new Volvo Construction Equipment or other products.

According to our own calculations 96% of the machine's weight is recyclable. Most of our plastic parts are marked for recycling according to Volvo Standards 5052,41, 5042,411 as well as 5052,412.

Recycling		
The materials used in machines are divided into the following approximate weights:		
Model	Units	PU40
Steel & iron	kg	406
	lb	895
Lithium-ion batteries	kg	345
	lb	761
Lead batteries	kg	15
	lb	33
Copper and Aluminium	kg	18
	lb	39
Polymer materials & rubber	kg	3
	lb	7
Fluids, oils & chemicals	kg	0
	lb	0
Other	kg	113
	lb	249
Total recyclable material	kg	900
	lb	1 983

PRODUCER RESPONSIBLE

In most countries today, there is a producer responsibility for our products, applicable to components such as batteries, tires etc. There are special regulations for these components. For further information, please contact your dealer.

Machine model

Delivery date

Machine's serial number

Place for stamp

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