



中国国家强制性产品认证证书

证书编号:2021122303114843

认证委托人名称及地址

PULS GmbH

Elektrastrasse 6 81925 Munich Germany

生产者名称及地址

PULS GmbH

Elektrastrasse 6 81925 Munich Germany

生产企业名称及地址

普尔世电源产品(苏州)有限公司
苏州工业园区兴浦路瑞恩巷1号

产品名称和系列、型号、规格

直流不间断电源

U 系列, 详见附件; 防爆标志和电气参数见附件;

产品标准和技术要求

GB/T 3836. 1-2021, GB/T 3836. 3-2021, GB/T 3836. 8-2021

上述产品符合《强制性产品认证实施规则 防爆电气》
(CNCA-G23-01: 2024)的要求, 特发此证。

发证日期: 2024 年 06 月 24 日 有效期至: 2026 年 12 月 14 日

证书信息和有效性可扫描下方二维码或登录发证机构网站查验,
也可在认监委网站(www.cnca.gov.cn)查询。

本证书为变更证书, 证书首次颁发日期: 2021 年 12 月 15 日



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方圆标志认证集团
China Quality Mark Certification Group





中国国家强制性产品认证证书

CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

Certificate No.: 2021122303114843

THE APPLICANT

PULS GmbH

Elektrastrasse 6 81925 Munich Germany

THE MANUFACTURER

PULS GmbH

Elektrastrasse 6 81925 Munich Germany

THE FACTORY

PULS Electronics (Suzhou) Co.,Ltd

No.1 Rui en Lane Xingpu Road,SIP 215126 SUZHOU CHINA

PRODUCT AND MODEL(S)

DC-UPS

U series, refer to attachment for details;Refer to attachment for electrical parameters and Ex marking;

STANDARDS AND TECHNICAL REQUIREMENTS

GB/T 3836.1-2021,GB/T 3836.3-2021,GB/T 3836.8-2021

THIS IS TO CERTIFY THAT THE ABOVE-MENTIONED PRODUCT COMPLIES WITH THE REQUIREMENTS OF IMPLEMENTATION RULE FOR CHINA COMPULSORY CERTIFICATION (CNCA-C23-01: 2024).

DATE OF ISSUE: 2024-06-24

DATE OF VALIDITY: 2026-12-14

THE INFORMATION AND VALIDITY OF THIS CERTIFICATE MAY BE VERIFIED BY THE QR CODE AND THE WEBSITE OF ISSUER AND CNCA (WWW.CNCA.GOV.CN).

THIS CERTIFICATE HAS BEEN UP-ISSUED. THE DATE OF INITIAL ISSUE IS 2021-12-15.



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China Quality Mark Certification Group



中国国家强制性产品认证证书

证书编号: 2021122303114843

证书附页: 第 1 页共 7 页

型号/规格: UB20.241, UC10.241, UC10.242, UB10.241, UB10.242, UB10.245, UBC10.241, UBC10.241-N1, UZK12.071, UZK12.072, UZK12.261, UZK24.071, UZK24.121, UZK24.122, UZK24.262

防爆标志: Ex ec nC IIC T3
Gc: UB10.241, UB10.242, UB10.245, UBC10.241, UBC10.241-N1;

Ex ec nC IIC T4 Gc: UB20.241, UC10.241, UC10.242;

Ex ec IIC T4
Gc: UZK12.071, UZK12.261, UZK24.071, UZK24.121, UZK12.072, UZK24.122, UZK24.262

电气参数:

型号	UB10.241	UB10.242
输入	DC 24V (-20%/+25%), max. 17A	DC 24V (-20%/+25%), max. 18A
输出	Output in power supply mode: Input voltage - 0.3V, 15.0A (below +60°C) Input voltage - 0.3V, 11.3A (at +70°C) Output in battery mode: 22.3Vdc, 10A (below +60°C) 22.3Vdc, 7.5A (at +70°C) Short-term, up to 5s: 22.3Vdc, 15A (below	Output in power supply mode: Input voltage - 0.3V, 15.0A (max. +50°C) Output in battery mode: 22.3Vdc, 10A (max. +50°C) Short-term, up to 5s: 22.3Vdc, 15A Battery: Use a 12V VRLA battery between 17 and 40Ah

本页为证书附页, 应与证书主页同时使用。





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证书编号: 2021122303114843

证书附页: 第 2 页共 7 页

	+70°C) Derate linearly between +60°C and +70°C Battery: Use a 12V VRLA battery between 3.9 and 40Ah Ambient temperature range: -25°C to +70°C	Ambient temperature range: -25°C to +50°C
型号	UB10. 245	UBC10. 241, UBC10. 241-N1
输入	DC 24V (-20%/+25%), max. 17A	DC 24V (-20%/+25%), max. 17A
输出	Outputs in power supply mode: Max. 360W at +50°C or 180W at +70°C for both outputs Output 1: Input - 0.3V, 15A (below +50°C) Input - 0.3V, 10A (at +70°C) Output 2: 12V, 5A (below +50°C) 12V, 4A (at +70°C) Outputs in battery mode: Max. 240W at 50°C or 120W at 70°C for both outputs	Outputs in power supply mode: Input - 0.3V, 15A (max. +40°C) Outputs in battery mode: 22.3V, 10A (max. +40°C) Short-term, up to 5s: 22.3V, 15A Ambient temperature range: 0°C to +40°C

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证书附页: 第 3 页共 7 页

	<p>Output 1: 22.3V, 10A (below +50°C) 22.3V, 7.5A (at +70°C) Short-term, up to 5s: 22.3V, 15A (at +70°C)</p> <p>Output 2: 12V, 5A (below +50°C) 12V, 4A (at +70°C) Short-term, up to 5s: 12V, 5A (at +70°C) Derate linearly between +50°C and +70°C</p> <p>Battery: Use a 12V VRLA battery between 3.9 and 40Ah Ambient temperature range: -25°C to +70°C</p>	
型号	UB20. 241	UC10. 241
输入	DC 24V (±25%), max. 28A	DC 24V (-20%/+25%), max. 17A
输出	<p>Output in power supply mode: Input voltage - 0.15V, 25.0A (below +60°C) Input voltage - 0.15V, 18.8A (at +70°C) Short-term, up to 5s:</p>	<p>Output in power supply mode: Input voltage - 0.3V, 15.0A (max. +60°C) Output in capacitor mode: 22.3Vdc, 15A (max.</p>

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证书附页: 第 4 页共 7 页

	<p>30.0A (at +70°C)</p> <p>Output in battery mode: Selectable: 22.5V, 24.0V, 25.0V or 26.0V</p> <p>Max. 20A or 468W (below +60°C)</p> <p>Max. 15A or 351W (at +70°C)</p> <p>Short-term, up to 4s: 50% current reserves</p> <p>Derate linearly between +60°C and +70°C</p> <p>Battery: Use a 24V VRLA battery module between 3.9 and 150Ah.</p> <p>Ambient temperature range: -40°C to +70°C</p>	<p>+60°C)</p> <p>Back-up time: Typ. 16.5s at 10A or 9.0s at 15A</p> <p>Ambient temperature range: -40°C to +60°C</p>
型号	UC10.242	
输入	DC 24V (-20%/+25%), max. 17A	
输出	<p>Output in power supply mode: Input voltage - 0.3V, 15.0A (max. +60°C)</p> <p>Output in capacitor mode: 22.3Vdc, 15A (max. +60°C)</p>	

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	Back-up time: Typ. 33s at 10A or 18s at 15A Ambient temperature range: -40°C to +60°C	
型号	UZK12.071,	UZK12.261
参数	Nominal battery voltage and capacity: 12Vdc, 7Ah Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C	Nominal battery voltage and capacity: 12Vdc, 26Ah Temperature ranges: For charging: -15°C to +50°C For discharging: -20°C to +60°C
型号	UZK24.071	UZK24.121
参数	Nominal battery voltage and capacity: 24Vdc, 7Ah Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C	Nominal battery voltage and capacity: 24Vdc, 12Ah Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C
型号	UZK12.072	UZK24.122
参数	Nominal battery voltage and capacity: 12Vdc, 7Ah	Nominal battery voltage and capacity: 24Vdc, 12Ah

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中国国家强制性产品认证证书

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证书附页：第 6 页共 7 页

	Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C	Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C
型号	UZK24. 262	
参数	Nominal battery voltage and capacity: 24Vdc, 26Ah Temperature ranges: For charging: -10°C to +50°C For discharging: -15°C to +50°C	

Ex 设备特殊使用条件或 Ex 元件的限定使用条件:

1) DC-UPS (与外部电池模块一起使用);

UB10. 241, UB10. 242, UB10. 245, UB20. 241:

产品需安装在满足 GB/T 3836.1 要求的不低于 IP54 的防爆外壳内

DC-UPS (带集成电容器模块); UC10. 241, UC10. 242:

产品需安装在满足 GB 3836.1 要求的不低于 IP54 的防爆外壳内。

DC-UPS (带集成电池模块); UBC10. 241, UBC10. 241-N1:

产品需安装在满足 GB/T 3836.1 要求的不低于 IP54 的防爆外壳内, 且最终安装时必须确保充分通风。

电池模块;

UZK12. 071, UZK12. 261, UZK24. 071, UZK24. 121, UZK12. 072, UZK24. 122, UZK24. 262

, :

产品需安装在满足 GB/T 3836.1 要求的不低于 IP23 的防爆外壳内, 且最终安装时必须

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确保充分通风。

2) 电池模块不可倒置安装使用。DIN 导轨模块只能按标准安装方向（端子在顶部/底部）安装使用。

电池模块 UZKxx.yyy 应使用适当的 DC-UPS UBxx.yyy 进行连接和充电放电。

设备应用于 2 区场所时污染等级不能超过 GB/T 16935.1 定义的 2 级。

3) 产品最大使用环境温度为 $-25^{\circ}\text{C}\sim 70^{\circ}\text{C}$ 。

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PULS GmbH

PULS GmbH Elektrastrasse 6 81925 Munich Germany

生产者名称及地址

PULS GmbH

PULS GmbH Elektrastrasse 6 81925 Munich Germany

生产企业名称及地址

PULS investiční s.r.o.

Pražská 5639 430 01, Chomutov, Czech

产品名称和系列、型号、规格

直流不间断电源

U 系列, 详见附件; 防爆标志和电气参数见附件

产品标准和技术要求

GB/T 3836. 1-2021, GB/T 3836. 3-2021, GB/T 3836. 8-2021

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Certificate No.: 2021122303114844

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PULS GmbH Elektrastrasse 6 81925 Munich Germany

THE MANUFACTURER

PULS GmbH

PULS GmbH Elektrastrasse 6 81925 Munich Germany

THE FACTORY

PULS investiční s.r.o.

Pražská 5639 430 01, Chomutov, Czech

PRODUCT AND MODEL(S)

DC-UPS

U series, refer to attachment for details; Refer to attachment for electrical parameters and Ex marking;

STANDARDS AND TECHNICAL REQUIREMENTS

GB/T 3836.1-2021, GB/T 3836.3-2021, GB/T 3836.8-2021

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DATE OF ISSUE: 2024-06-24

DATE OF VALIDITY: 2026-12-14

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中国国家强制性产品认证证书

证书编号: 2021122303114844

证书附页: 第 1 页共 7 页

型号/规格: UB20.241, UC10.241, UC10.242, UB10.241, UB10.242, UB10.245, UBC10.241, UBC10.241-N1, UZK12.071, UZK12.072, UZK12.261, UZK24.071, UZK24.121, UZK24.122, UZK24.262

防爆标志: Ex ec nC IIC T3
Gc: UB10.241, UB10.242, UB10.245, UBC10.241, UBC10.241-N1;

Ex ec nC IIC T4 Gc: UB20.241, UC10.241, UC10.242;

Ex ec IIC T4
Gc: UZK12.071, UZK12.261, UZK24.071, UZK24.121, UZK12.072, UZK24.122, UZK24.262

电气参数:

型号	UB10.241	UB10.242
输入	DC 24V (-20%/+25%), max. 17A	DC 24V (-20%/+25%), max. 18A
输出	Output in power supply mode: Input voltage - 0.3V, 15.0A (below +60°C) Input voltage - 0.3V, 11.3A (at +70°C) Output in battery mode: 22.3Vdc, 10A (below +60°C) 22.3Vdc, 7.5A (at +70°C) Short-term, up to 5s: 22.3Vdc, 15A (below	Output in power supply mode: Input voltage - 0.3V, 15.0A (max. +50°C) Output in battery mode: 22.3Vdc, 10A (max. +50°C) Short-term, up to 5s: 22.3Vdc, 15A Battery: Use a 12V VRLA battery between 17 and 40Ah

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中国国家强制性产品认证证书

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证书附页: 第 2 页共 7 页

	+70°C) Derate linearly between +60°C and +70°C Battery: Use a 12V VRLA battery between 3.9 and 40Ah Ambient temperature range: -25°C to +70°C	Ambient temperature range: -25°C to +50°C
型号	UB10. 245	UBG10. 241, UBG10. 241-N1
输入	DC 24V (-20%/+25%), max. 17A	DC 24V (-20%/+25%), max. 17A
输出	Outputs in power supply mode: Max. 360W at +50°C or 180W at +70°C for both outputs Output 1: Input - 0.3V, 15A (below +50°C) Input - 0.3V, 10A (at +70°C) Output 2: 12V, 5A (below +50°C) 12V, 4A (at +70°C) Outputs in battery mode: Max. 240W at 50°C or 120W at 70°C for both outputs	Outputs in power supply mode: Input - 0.3V, 15A (max. +40°C) Outputs in battery mode: 22.3V, 10A (max. +40°C) Short-term, up to 5s: 22.3V, 15A Ambient temperature range: 0°C to +40°C

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中国国家强制性产品认证证书

证书编号: 2021122303114844

证书附页: 第 3 页共 7 页

	<p>Output 1: 22.3V, 10A (below +50°C) 22.3V, 7.5A (at +70°C) Short-term, up to 5s: 22.3V, 15A (at +70°C)</p> <p>Output 2: 12V, 5A (below +50°C) 12V, 4A (at +70°C) Short-term, up to 5s: 12V, 5A (at +70°C) Derate linearly between +50°C and +70°C</p> <p>Battery: Use a 12V VRLA battery between 3.9 and 40Ah Ambient temperature range: -25°C to +70°C</p>	
型号	UB20.241	UC10.241
输入	DC 24V (±25%), max. 28A	DC 24V (-20%/+25%), max. 17A
输出	<p>Output in power supply mode: Input voltage - 0.15V, 25.0A (below +60°C) Input voltage - 0.15V, 18.8A (at +70°C) Short-term, up to 5s:</p>	<p>Output in power supply mode: Input voltage - 0.3V, 15.0A (max. +60°C) Output in capacitor mode: 22.3Vdc, 15A (max.</p>

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中国国家强制性产品认证证书

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证书附页: 第 4 页共 7 页

	<p>30.0A (at +70°C)</p> <p>Output in battery mode: Selectable: 22.5V, 24.0V, 25.0V or 26.0V</p> <p>Max. 20A or 468W (below +60°C)</p> <p>Max. 15A or 351W (at +70°C)</p> <p>Short-term, up to 4s: 50% current reserves</p> <p>Derate linearly between +60°C and +70°C</p> <p>Battery: Use a 24V VRLA battery module between 3.9 and 150Ah.</p> <p>Ambient temperature range: -40°C to +70°C</p>	<p>+60°C)</p> <p>Back-up time: Typ. 16.5s at 10A or 9.0s at 15A</p> <p>Ambient temperature range: -40°C to +60°C</p>
型号	UC10.242	
输入	DC 24V (-20%/+25%), max. 17A	
输出	<p>Output in power supply mode: Input voltage - 0.3V, 15.0A (max. +60°C)</p> <p>Output in capacitor mode: 22.3Vdc, 15A (max. +60°C)</p>	

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	Back-up time: Typ. 33s at 10A or 18s at 15A Ambient temperature range: -40°C to +60°C	
型号	UZK12.071,	UZK12.261
参数	Nominal battery voltage and capacity: 12Vdc, 7Ah Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C	Nominal battery voltage and capacity: 12Vdc, 26Ah Temperature ranges: For charging: -15°C to +50°C For discharging: -20°C to +60°C
型号	UZK24.071	UZK24.121
参数	Nominal battery voltage and capacity: 24Vdc, 7Ah Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C	Nominal battery voltage and capacity: 24Vdc, 12Ah Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C
型号	UZK12.072	UZK24.122
参数	Nominal battery voltage and capacity: 12Vdc, 7Ah	Nominal battery voltage and capacity: 24Vdc, 12Ah

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中国国家强制性产品认证证书

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证书附页: 第 6 页共 7 页

	Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C	Temperature ranges: For charging: -10°C to +40°C For discharging: -15°C to +50°C
型号	UZK24.262	
参数	Nominal battery voltage and capacity: 24Vdc, 26Ah Temperature ranges: For charging: -10°C to +50°C For discharging: -15°C to +50°C	

Ex 设备特殊使用条件或 Ex 元件的限定使用条件:

1) DC-UPS (与外部电池模块一起使用);

UB10.241, UB10.242, UB10.245, UB20.241:

产品需安装在满足 GB/T 3836.1 要求的不低于 IP54 的防爆外壳内

DC-UPS (带集成电容器模块); UC10.241, UC10.242:

产品需安装在满足 GB 3836.1 要求的不低于 IP54 的防爆外壳内。

DC-UPS (带集成电池模块); UBC10.241, UBC10.241-N1:

产品需安装在满足 GB/T 3836.1 要求的不低于 IP54 的防爆外壳内, 且最终安装时必须确保充分通风。

电池模块;

UZK12.071, UZK12.261, UZK24.071, UZK24.121, UZK12.072, UZK24.122, UZK24.262

, :

产品需安装在满足 GB/T 3836.1 要求的不低于 IP23 的防爆外壳内, 且最终安装时必须

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证书附页：第 7 页共 7 页

确保充分通风。

2) 电池模块不可倒置安装使用。DIN 导轨模块只能按标准安装方向（端子在顶部/底部）安装使用。

电池模块 UZKxx.yyy 应使用适当的 DC-UPS UBxx.yyy 进行连接和充电放电。

设备应用于 2 区场所时污染等级不能超过 GB/T 16935.1 定义的 2 级。

3) 产品最大使用环境温度为 $-25^{\circ}\text{C}\sim 70^{\circ}\text{C}$ 。

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