

UPX Programlanabilir PE Serisi DC Power Supply

Upx power supply; aşırı yük ve akım koruması ile ürün güvenliği maksimum düzeye çıkartılarak tasarlandı. Metal konstrüksiyon, yüksek performans, ayarlanabilir voltaj ve akım değerleri ve yüksek hassasiyetli ürün güvenirliği için en son teknoloji ürünü IC yazılımı kullanılmıştır. Faz çakışması gibi sorunlar ile karşılaşılmaması için elektriksel olarak izole edilmiş olan yüksek kaliteli switch mode ile üretilmiştir.

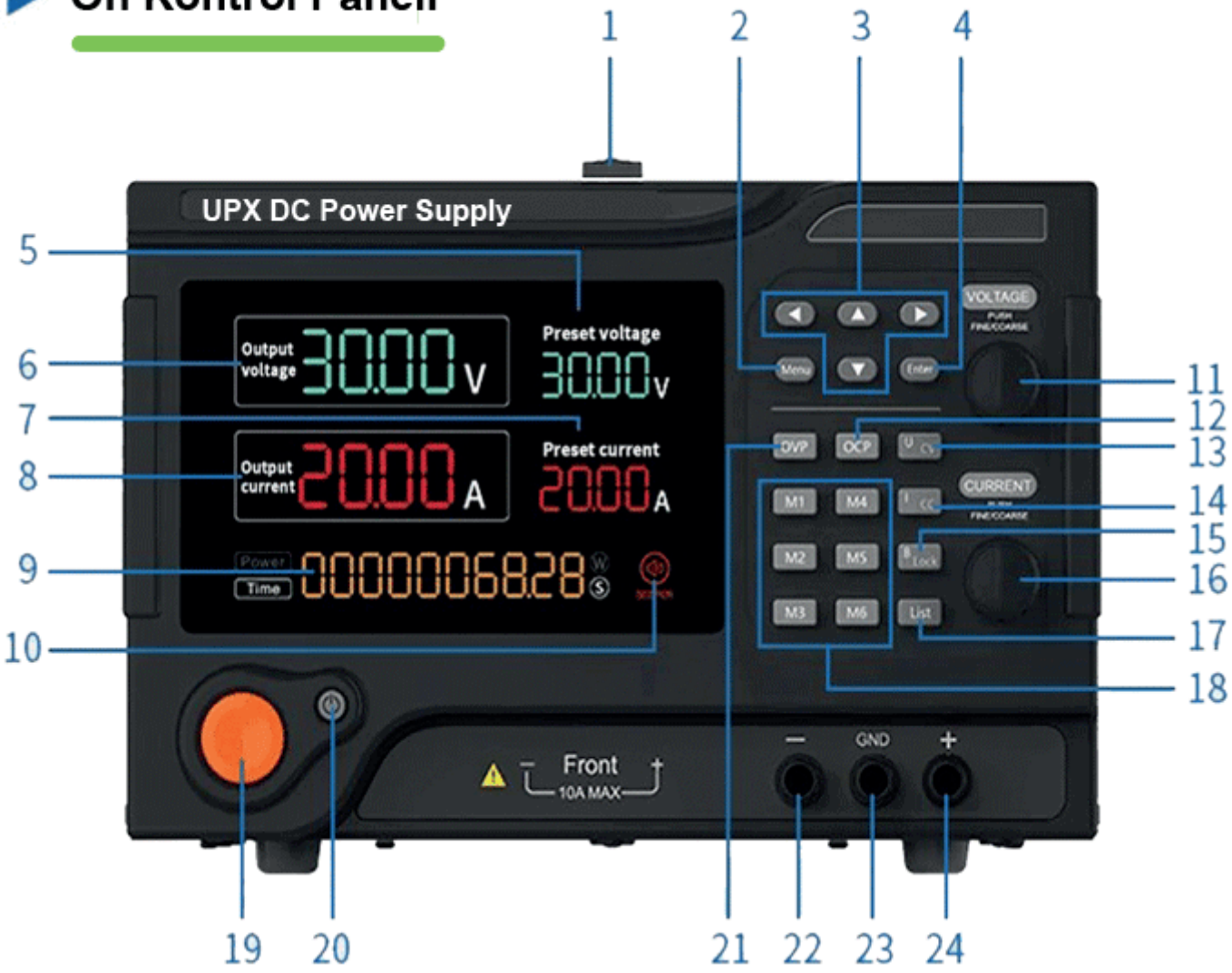
6 grup hızlı parametre depolama fonksiyonuna sahiptir. Ayrıca Modbus RTU iletişim protokolünü destekler... 4 haneli geniş ekran sayesinde tüm verileri yuvarlamadan kesin ulaşma imkanı sağlar. Ayrıca fan hızı sıcaklık kontrolüne paralel çalışır bu nedenle cihaz düşük gürültü ile çalışabilir ve soğutucu fan ömrü daha uzun olur. Aşırı voltaj, aşırı akım, aşırı güç, aşırı sıcaklık, kornet 5 çift koruma güvenlik sistemleri ile donatılarak güvenli kullanım sağlanmıştır. UPX marka güç kaynakları; üniversiteler, meslek liseleri, elektronik elektrik bölümleri, bilgisayar tamiri, elektronik üretim onarım bakım teknik servisleri, bilimsel araştırma ürün geliştirme ve elektronik laboratuvarlar gibi birçok alanlarda kullanılabilmektedir.

TEKNİK PARAMETRELER

DC çıkışı (0 C ~ 40 C)	
Voltaj	0-30V
Akım	0-20Bir
Voltaj kararlılığı	≤ ±(0.2% + 0.05V)
Mevcut kararlılık	≤ ±(0.5% + 0.05A)
Yük kararlılığı	≤0.5%
Dalgalanma ve gürültü	≤1%
Ekran çözünürlüğü	
Voltaj çözünürlüğü	10mV
Akım çözünürlüğü	10mA
Güç çözünürlüğü	1mW
Yük direnci	1mR
Çalışma ortamı	
Yükseklik	≤ 2000m
Bağıl nem	80%
Ortam sıcaklığı	5C~ 40C
Depolama ortamı	
Çevre sıcaklığı	-20~ 80C
Bağıl nem	≤80%
Güç girişi	
Giriş	AC220V ± 10%,50Hz
Boyut	
Gövde boyutu	330(D)× 250(W)× 155(H)mm
Paket boyutu	430(D)× 330(W)× 250(H)mm
Ağırlık	6.5Kg

Model	Voltaj	Akım	Ekran	Doğruluk
UPX-K1560PE	0-15V	0-60A	4 LED	≤±(0.2%+0.05V)
UPX-K15100PE	0-15V	0-100A	4 LED	≤±(0.2%+0.05V)
UPX-K2050PE	0-20V	0-50A	4 LED	≤±(0.2%+0.05V)
UPX-K3020PE	0-30V	0-20A	4 LED	≤±(0.2%+0.05V)
UPX-K3030PE	0-30V	0-30A	4 LED	≤±(0.2%+0.05V)
UPX-K3050PE	0-30V	0-50A	4 LED	≤±(0.2%+0.05V)
UPX-K3060PE	0-30V	0-60A	4 LED	≤±(0.2%+0.05V)
UPX-K3080PE	0-30V	0-80A	4 LED	≤±(0.2%+0.05V)
UPX-K30100PE	0-30V	0-100A	4 LED	≤±(0.2%+0.05V)
UPX-K30150PE	0-30V	0-150A	4 LED	≤±(0.2%+0.05V)
UPX-K30200PE	0-30V	0-200A	4 LED	≤±(0.2%+0.05V)
UPX-K5020PE	0-50V	0-20A	4 LED	≤±(0.2%+0.05V)
UPX-K5030PE	0-50V	0-30A	4 LED	≤±(0.2%+0.05V)
UPX-K5050PE	0-50V	0-50A	4 LED	≤±(0.2%+0.05V)
UPX-K5060PE	0-50V	0-60A	4 LED	≤±(0.2%+0.05V)
UPX-K6010PE	0-60V	0-10A	4 LED	≤±(0.2%+0.05V)
UPX-K6015PE	0-60V	0-15A	4 LED	≤±(0.2%+0.05V)
UPX-K6020PE	0-60V	0-20A	4 LED	≤±(0.2%+0.05V)
UPX-K6030PE	0-60V	0-30A	4 LED	≤±(0.2%+0.05V)
UPX-K6050PE	0-60V	0-50A	4 LED	≤±(0.2%+0.05V)
UPX-K6060PE	0-60V	0-60A	4 LED	≤±(0.2%+0.05V)
UPX-K8030PE	0-80V	0-30A	4 LED	≤±(0.2%+0.05V)
UPX-K10005PE	0-100V	0-5A	4 LED	≤±(0.2%+0.05V)
UPX-K10010PE	0-100V	0-10A	4 LED	≤±(0.2%+0.05V)
UPX-K10020PE	0-100V	0-20A	4 LED	≤±(0.2%+0.05V)
UPX-K10030PE	0-100V	0-30A	4 LED	≤±(0.2%+0.05V)
UPX-K12010PE	0-120V	0-10A	4 LED	≤±(0.2%+0.05V)
UPX-K12020PE	0-120V	0-20A	4 LED	≤±(0.2%+0.05V)
UPX-K12030PE	0-120V	0-30A	4 LED	≤±(0.2%+0.05V)
UPX-K15005PE	0-150V	0-5A	4 LED	≤±(0.2%+0.05V)
UPX-K15010PE	0-150V	0-10A	4 LED	≤±(0.2%+0.05V)
UPX-K20002PE	0-200V	0-2A	4 LED	≤±(0.2%+0.05V)
UPX-K20003PE	0-200V	0-3A	4 LED	≤±(0.2%+0.05V)
UPX-K20005PE	0-200V	0-5A	4 LED	≤±(0.2%+0.05V)
UPX-K22010PE	0-220V	0-10A	4 LED	≤±(0.2%+0.05V)
UPX-K30002PE	0-300V	0-2A	4 LED	≤±(0.2%+0.05V)
UPX-K30003PE	0-300V	0-3A	4 LED	≤±(0.2%+0.05V)
UPX-K30005PE	0-300V	0-5A	4 LED	≤±(0.2%+0.05V)
UPX-K40002PE	0-400V	0-2A	4 LED	≤±(0.2%+0.05V)
UPX-K40003PE	0-400V	0-3A	4 LED	≤±(0.2%+0.05V)
UPX-K40005PE	0-400V	0-5A	4 LED	≤±(0.2%+0.05V)

Ön Kontrol Paneli



1	Taşıma kolu	13	UCV Voltaj Ayar Tuşu
2	Menü Fonksiyon Tuşu	14	ICC Akım Ayar Tuşu
3	Yönlendirme İmleçleri	15	Panel kilit
4	‘Enter” Onay Tuşu	16	Akım Ayar Butonu
5	Ayarlanmış Voltaj Değer Ekranı	17	Liste Mod Tuşu
6	Çıkış Voltaj	18	M1-M6 Grup Hızlı Depolama Hafıza Tuşları
7	Ayarlanmış Akım Değer Ekranı	19	Güç Anahtarı
8	Çıkış Akım	20	Açık/ Kapalı Anahtar
9	Güç ve Zaman Ekranı (isteğe bağlı)	21	OVP Voltaj Ayar Tuşu
10	Ses Uyarı Durum Lambası	22	Negatif Çıkış Terminali
11	Voltaj Ayar Butonu	23	Topraklama Terminali
12	OCP Aşırı Akım Ayar Tuşu	24	Pozitif Çıkış Terminali

Arka Panel



1	SENSE giriş pozitif kutbu: çıkış voltajı pozitif kutup uzak örnekleme noktası
2	SENSE girişi negatif: çıkış voltajı negatif uzak örnekleme noktası
3	Çıkış pozitif kutbu: akım 10A'dan büyükse, arka kart terminalini seçin
4	Çıkış negatif kutbu: akım 10A'dan büyüktür ve kalibrasyon plakasının terminali
5	Topraklama terminali
6	Standart RS485 seri portu, isteğe bağlı RS232/USB seri portu (üçte biri)
7	Akıllı sıcaklık kontrol fanı
8	Güç giriş soketi
9	Sigorta

Yüksek Çözünürlüğe Sahip 5 Hane Renkli HD LED Ekran

Üç renkli yüksek çözünürlüklü nixie ekran, beş haneli olarak önceden ayarlanmış akım ve voltaj değerini/çıkış akımını ve voltaj değerini/zamanı veya gücü görüntüler



Ön ayarlı ayarlanabilir Tek tıklamayla çıkış

Akım ve voltaj değerleri, akımı ayarlamak için kısa devre olmadan önceden ayarlanabilir. Kullanışlı kodlayıcı mekik tasarımı, geleneksel potansiyometre ayarından daha doğru ve kontrolü kolaydır





On/Off Anahtar

ON/OFF açma-kapama anahtarıyla, güç çıkışının açma-kapama durumunu doğrudan kontrol edebilirsiniz. Yeşil, çıkış durumunun açık olduğunu ve kırmızı, geçerli çıkış durumunun kapalı olduğunu gösterir.



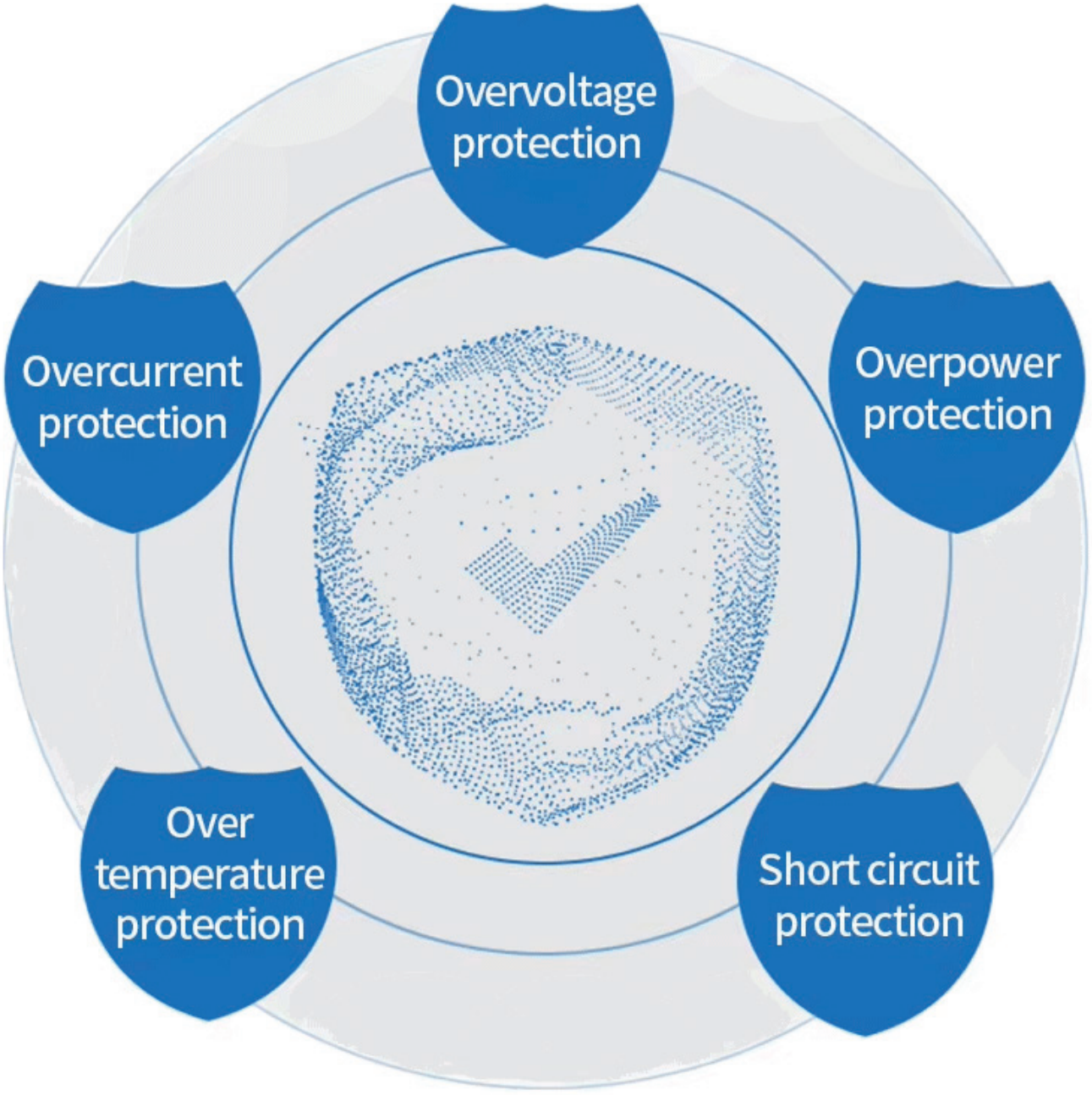
Boyutlar


ADJUSTABLE DIRECT CURRENT REGULATED POWER SUPPLY
V-out 30.00 V
V-set 30.00 V
I-out 20.00 A
I-set 20.00 A
Power
Time
0000006828
VOLTAGE
CURRENT
Menu
Enter
OVP
OCP
M1
M4
M2
M5
M3
M6
List
Front
10A MAX
GND
155mm
250mm
330mm


410 mm

Beş Güçlü Koruma Fonksiyonu

Aşırı voltaj, aşırı akım, aşırı güç, aşırı sıcaklık ve kısa devre koruması olmak üzere beş güçlü koruma fonksiyonu



GLOBAL SERTİFİKALARIMIZ



CERTIFICATE OF CONFORMITY

No.: PTC22120907201S-LD01

Applicant : DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD
Address : Soğanlık Yeni Main Street MilletAvenue (Manolya Avenue)Dadaloğlu sk No:3B Kartal-İstanbul- Turkiye
Manufacturer : Same as applicant
Address : Same as applicant
Product : Power Supply
Trade Mark : N/A
Model No. : UPX-K10005 (The coverage models see next page)
Power Rating : Input: AC 230V~, 50Hz 2.5A Max.
Output: DC 0-300V, 0-20A, 0-500W

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

Low Voltage Directive - 2014/35/EU

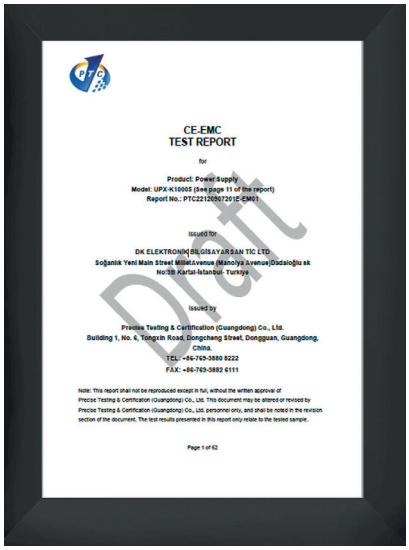
The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)	Test Report(s) Number
EN 61010-1:2010/A1:2019	PTC22120907201S-LD01

This certificate is part of the full test report(s) and should be read in conjunction with it. This certificate is based on an evaluation of one sample of above mentioned product. It does not imply assessment of the production of the product.Without the written approval of Precise Testing & Certification (Guangdong) Co., Ltd. This certificate is not permitted to be reproduced, except in full. It is not permitted to use the test lab's logo. The CE marking may only be used if all the relevant and effective European Directives are applicable.

CE

Jacky Ou
Manager
Date: 2022-12-29



CE-EMC
TEST REPORT

for

Product: Power Supply
Model: UPX-K10005 (See page 11 of the report)
Report No.: PTC22120907201E-EM01

Issued for

DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD
Soğanlık Yeni Main Street MilletAvenue (Manolya Avenue)Dadaloğlu sk No:3B Kartal-İstanbul- Turkiye

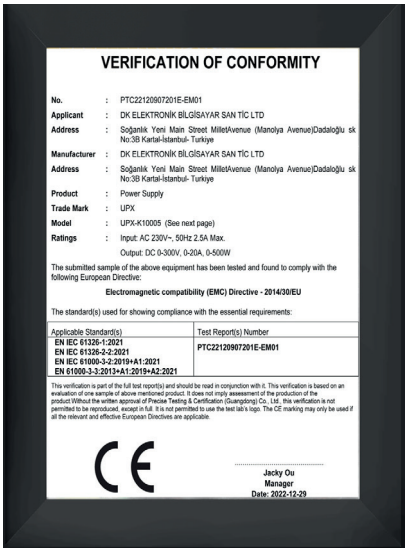
Issued by

Precise Testing & Certification (Guangdong) Co., Ltd.
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.
TEL: +86-769-3888 8222
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Draft

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Page 1 of 62



VERIFICATION OF CONFORMITY

No. : PTC22120907201E-EM01
Applicant : DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD
Address : Soğanlık Yeni Main Street MilletAvenue (Manolya Avenue)Dadaloğlu sk No:3B Kartal-İstanbul- Turkiye
Manufacturer : DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD
Address : Soğanlık Yeni Main Street MilletAvenue (Manolya Avenue)Dadaloğlu sk No:3B Kartal-İstanbul- Turkiye
Product : Power Supply
Trade Mark : UPX
Model : UPX-K10005 (See next page)
Ratings : Input: AC 230V~, 50Hz 2.5A Max.
Output: DC 0-300V, 0-20A, 0-500W

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

Electromagnetic compatibility (EMC) Directive - 2014/30/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)	Test Report(s) Number
EN IEC 61326-1:2021 EN IEC 61326-2-2:2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021	PTC22120907201E-EM01

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CE

Jacky Ou
Manager
Date: 2022-12-29



精准检测 PRECISE TESTING

VERIFICATION OF CONFORMITY

No. : PTC22120907201E-EM01
Applicant : DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD
Address : Soğanlık Yeni Main Street MilletAvenue (Manolya Avenue)Dadaloğlu sk No:3B Kartal-İstanbul- Turkiye
Manufacturer : DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD
Address : Soğanlık Yeni Main Street MilletAvenue (Manolya Avenue)Dadaloğlu sk No:3B Kartal-İstanbul- Turkiye
Product : Power Supply
Trade Mark : UPX
Model : UPX-K2002 (See next page)
Ratings : Input: AC 230V~, 50Hz
Output: DC 0-600V, 0-100A, 600-1800W

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

Electromagnetic compatibility (EMC) Directive - 2014/30/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s)	Test Report(s) Number
EN IEC 61326-1:2021 EN IEC 61326-2-2:2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021	PTC22120907201E-EM01

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CE

Jacky Ou
Manager
Date: 2022-04-10

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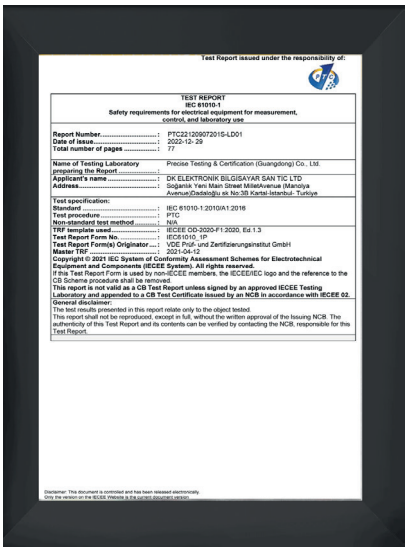
精准检测 PRECISE TESTING

VERIFICATION OF CONFORMITY

Attachment
No. : PTC22120907201E-EM01
Model :

UPX-K3060	UPX-K1502E	UPX-K1502P	UPX-K1502PE	UPX-K3020B-PC	UPX-K3020B6-PC
UPX-K1502	UPX-K1510E	UPX-K1510P	UPX-K1510PE	UPX-K601B-PC	UPX-K601B6-PC
UPX-K1510	UPX-K2005E	UPX-K2005P	UPX-K2005PE	UPX-K1502B-PC	UPX-K1502B6-PC
UPX-K2005	UPX-K3020E	UPX-K3020P	UPX-K3020PE	UPX-K3030B-PC	UPX-K3030B6-PC
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UPX-K10010	UPX-K10015E	UPX-K10015P	UPX-K10015PE	UPX-K1502C-PC	UPX-K1502C6-PC
UPX-K12010	UPX-K12015E	UPX-K12015P	UPX-K12015PE	UPX-K3020D-PC	UPX-K3020D6-PC
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UPX-K80050	UPX-K80050E	UPX-K80050P	UPX-K80050PE	UPX-K601D4P	

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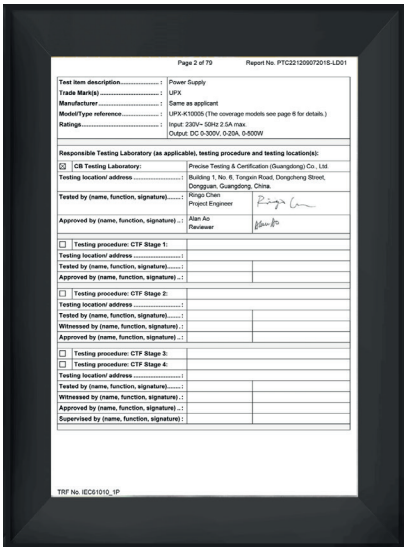
Test Report issued under the responsibility of:

TEST REPORT
IEC 61010-1
Safety requirements for electrical equipment for measurement, control, and laboratory use

Report Number	PTC22120907201E-LD01
Date of issue	2022-12- 29
Total number of pages	77
Name of Testing Laboratory preparing the Report	Precise Testing & Certification (Guangdong) Co., Ltd.
Applicant's name	DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD
Address	Soğanlık Yeni Main Street MilletAvenue (Manolya Avenue)Dadaloğlu sk No:3B Kartal-İstanbul- Turkiye
Test specification:	
Standard	IEC 61010-1:2010/A1:2016
Test procedure	PTC
Non-standard test method	N/A
TRF template used	IECEE OD-2020-F1:2020, Ed 1.3
Test Report Form No.	IEC61010_1P
Test Report Form(s) Originator	VDE Prüf- und Zertifizierungsinstitut GmbH
Master TRF	2021-04-12

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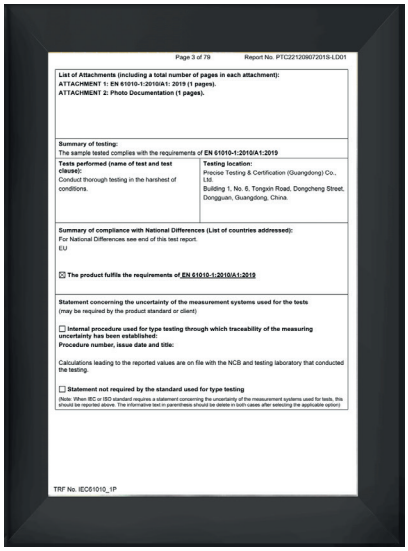
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Test item description	Power Supply
Trade Mark(s)	UPX
Manufacturer	Same as applicant
Model/Type reference	UPX-K10005 (The coverage models see page 6 for details.)
Ratings	Input: 230V~ 50Hz 2.5A max. Output: DC 0-300V, 0-20A, 0-500W

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

☒ CB Testing Laboratory:	Precise Testing & Certification (Guangdong) Co., Ltd.
Testing location/ address	Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.
Tested by (name, function, signature)	Ringo Chen Project Engineer
Approved by (name, function, signature)	Alan Ao Reviewer
☐ Testing procedure: CTF Stage 1:	
Testing location/ address	
Tested by (name, function, signature)	
Approved by (name, function, signature)	
☐ Testing procedure: CTF Stage 2:	
Testing location/ address	
Tested by (name, function, signature)	
Witnessed by (name, function, signature)	
Approved by (name, function, signature)	
☐ Testing procedure: CTF Stage 3:	
☐ Testing procedure: CTF Stage 4:	
Testing location/ address	
Tested by (name, function, signature)	
Witnessed by (name, function, signature)	
Approved by (name, function, signature)	
Supervised by (name, function, signature)	

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List of Attachments (including a total number of pages in each attachment):
ATTACHMENT 1: EN 61010-1:2010/A1: 2019 (1 pages).
ATTACHMENT 2: Photo Documentation (1 pages).

Summary of testing:
The sample tested complies with the requirements of EN 61010-1:2010/A1:2019

Tests performed (name of test and test clause):	Testing location:
Conduct thorough testing in the harshest of conditions.	Precise Testing & Certification (Guangdong) Co., Ltd. Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.

Summary of compliance with National Differences (List of countries addressed):
For National Differences see end of this test report.
EU

☒ The product fulfils the requirements of EN 61010-1:2010/A1:2019

Statement concerning the uncertainty of the measurement systems used for the tests (may be required by the product standard or client)

☐ Internal procedure used for type testing through which traceability of the measuring uncertainty has been established:
Procedure number, issue date and title:

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.

☐ Statement not required by the standard used for type testing

(Note: When IEC or ISO standard requires a statement concerning the uncertainty of the measurement systems used for tests, this should be reported above. The informative text in parenthesis should be delete in both cases after selecting the applicable option)

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Copy of marking plate:

The below marking is only for representative.

Switching DC Power Supply
Model:UPX-K10005
Input:AC 230V~ 50Hz 2.5A Max
Output:DC 0~300V,0~20A,0~500W

DK ELEKTRONİK BİLGİSAYAR SAN TİC LTD

Made in China

Note:
1. As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trade mark and the postal address will be marked on the products before being placed on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
2.The above markings are the minimum requirements required by the safety standard. For the final production, the additional markings which do not give rise to misunderstanding may be added.
3. The "CE" and "VDE" marks shall have a minimum 5mm and never less than 3mm height.
4. The markings are attached on a visible location and visible during normal use.
5. Since similar label used, only label for models above listed to represent other similar ones.

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Test item particulars:	
Type of item	Measurement
Classification of equipment function	DC voltage and DC current
Connection to supply supply	
Overvoltage category	II
Pollution degree	2
Means of protection	REINFORCED INSULATION
Environmental condition	Normal
For use in wet locations	No
Equipment mobility	Portable
Operating conditions	Continuous
Overall size of equipment (W x D x H)	N/A
Mass of equipment (kg)	Approx. 4.250
Marked degree of protection to IEC 60529	IP20
Possible test case verdicts:	
- Test case does not apply to the test object	N/A (Not Applicable)
- Test object does meet the requirement	P (Pass)
- Test object does not meet the requirement	F (Fail)
Testing:	
Date of receipt of test item	2022-12-19
Date (s) of performance of test	2022-12-19 to 2022-12-27
General remarks:	

The test results presented in this report relate only to the object tested.
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"(see Form A.xx)" refers to a Table appended to the report.
Bottom lines for measurement Tables Forms A.xx are optional if used as record.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 06:
The application for obtaining a CB Test Certificate includes more than one factory location and a ☐ Yes
statement to the effect that only the factory location(s) stated in the ☒ Not applicable
test report is (are) covered by the CB Test Certificate.

When differences exist, they shall be identified in the general product information section.

Name and address of factory (ies) Same as applicant

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YÜKSEK MÜŞTERİ MEMNUNİYETİ EN BÜYÜK ÖNCELİĞİMİZDİR.

“Bilim ve Teknoloji temelli, Bir Dünya Markası Yaratmak”,için ‘’Yüksek Teknoloji kullanımı ile Ürün ve Hizmet Mükemmeliği Hedefleyen UPX
Müşteri Memnuniyeti sağlayarak kalite politikasını geliştirmiş. “Standartları takip ederek, teknolojik yenilik ve sürekli iyileştirme”. İlkesi ve Güvenilir kalitesi ile İstikrarlı performans, benzersiz görünüm ve yüksek kaliteli hizmet ile , ‘’Tüm ürünlerini” ön plana çıkartmıştır.

UPX ürünlerinin sizlere en verimli biçimde hizmet edebilmesi için sürekli bir geliştirme içerisindeyiz.sizlerden gelen kullanıcı deneyimleri ve AR-GE ekibimizin devamlı çalışmaları sonucunda ürünlerimiz için, yüksek verimlilik sağlayacak yeni özellikler geliştiriyor sizlere en iyi kullanıcı deneyimini yaşatacak önerilerimizi sizler ile paylaşıyoruz. Gerek ürün geliştirmelerimizde gerekse hızlı ve kaliteli teknik servis anlayışımızın olgunlaşmasında sizlerden ilham alıyoruz.



UPX
creative technology equipment