

# Product Data Sheet

Article number (will be added by Beslag Design):

**992670 (12V/12W)**

Produced by KG	Date 2017-10-25	Replaces -	Valid from 2017-10-25
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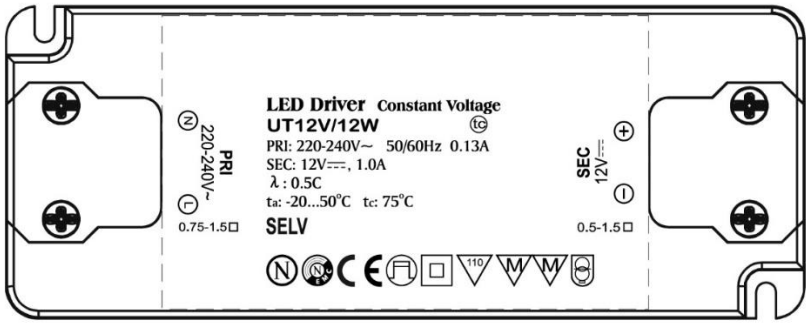
## Company information

<b>Company name</b>	Beslag Design	<b>Telephone number</b>	+46(0)431 784 80
<b>Address</b>	Inre Kustvägen 32 SE-269 43 Båstad	<b>Fax number</b>	+46(0)431 784 99
<b>E-mail</b>	info@beslagdesign.se	<b>Web page</b>	www.beslagdesign.se

## Product Data

<b>Product name</b>	UT12V/12W Complete
<b>Article No.</b>	992670
<b>Versions</b>	N/A
<b>Description</b>	220-240V LED Driver, Constant Voltage Driver
<b>Product material</b>	Polycarbonate housing
<b>Surface finish</b>	White / grey
<b>Dimensions (mm)</b>	128x50x13mm
<b>Connection type</b>	Captured Terminal Screw for 0.5~1.5 mm <sup>2</sup>
<b>Distributor</b>	6-way micro12 distributor with female connections, 500mm cord length
<b>Main lead</b>	3000mm with 2-pin European plug
<b>Electrical characteristics</b>	T <sub>a</sub> = 25°C, 220-240V <sub>rms</sub> input, standard reference load; unless otherwise specified
<b>Insulation degree</b>	Class II thermally protected 110, independent driver
<b>IP rating</b>	IP20
<b>Input Parameters</b>	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.13A
Input Frequency	50/60Hz
Maximum Input Power	15W
Power Factor (Full load)	0.50C
THD(Full load)	≤12%
Efficiency (Full load)	≥78%
No-load power	≤0.4W
Inrush current(Max)	8.0A
Turn on time	≤50ms
<b>Output parameters</b>	
Output Voltage	12V±5%
Output Current (Full load)	1.0A
Output Power (Full load)	12W
Operating Frequency(Full load)	35-140KHz
Ripple & Noise	≤600mV
Load Regulation	≤3%
Line Regulation	≤3%
<b>Ambient</b>	
Storage Temperature	-20 ...+ 70°C
Operating Ambient Temperature	-20 ...+ 50°C

# Product Data Sheet

Case Temperature at tc Point	80°C
Relative humidity	5 ...85%
<b>Protection</b>	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed
<b>System Parameters</b>	
Withstand voltage	3.75KVAC,5mA,60S
Life span (h)	30,000Hours
<b>Compliance and approvals</b>	
Standards	EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Markings	 <p> <b>LED Driver Constant Voltage</b>  <b>UT12V/12W</b>            PRI: 220-240V~ 50/60Hz 0.13A            SEC: 12V---, 1.0A            λ : 0.5C            ta: -20...50°C tc: 75°C  <b>SELV</b>            0.75-1.5□      0.5-1.5□         </p>
Total weight (kg)	0,070kg
Packaging size (WxDxH)	N/A
Other:	1.All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2.Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Expected Life:tc=80°C,0.2%/1000h failure rate

Mounting instructions	To be mounted with screws or self-adhesive tape
Packaging material	PE-bag
Recycling instructions	Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center

# Product Data Sheet

Article number (will be added by Beslag Design):

**992671 (12V20W)**

Produced by KG	Date 2017-10-25	Replaces -	Valid from 2017-10-25
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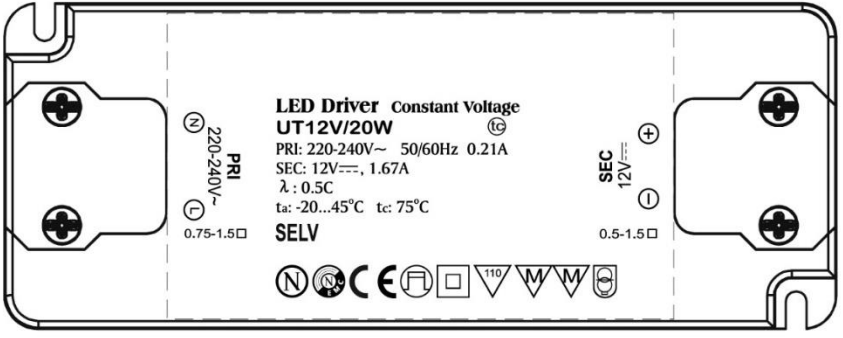
## Company information

<b>Company name</b>	Beslag Design	<b>Telephone number</b>	+46(0)431 784 80
<b>Address</b>	Inre Kustvägen 32 SE-269 43 Båstad	<b>Fax number</b>	+46(0)431 784 99
<b>E-mail</b>	info@beslagdesign.se	<b>Web page</b>	www.beslagdesign.se

## Product Data

<b>Product name</b>	UT12V/20W Complete
<b>Article No.</b>	992671
<b>Versions</b>	N/A
<b>Description</b>	220-240V LED Driver, Constant Voltage Driver
<b>Product material</b>	Polycarbonate housing
<b>Surface finish</b>	White / grey
<b>Dimensions (mm)</b>	128x50x13mm
<b>Connection type</b>	Captured Terminal Screw for 0.5~1.5 mm <sup>2</sup>
<b>Distributor</b>	6-way micro12 distributor with female connections, 500mm cord length
<b>Main lead</b>	3000mm with 2-pin European plug
<b>Electrical characteristics</b>	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
<b>Insulation degree</b>	Class II thermally protected 110, independent driver
<b>IP rating</b>	IP20
<b>Input Parameters</b>	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.20A
Input Frequency	50/60Hz
Maximum Input Power	25W
Power Factor (Full load)	0.50C
THD(Full load)	N/A
Efficiency (Full load)	≥80%
No-load power	≤0.5W
Inrush current(Max)	≤12A
Turn on time	≤500ms
<b>Output parameters</b>	
Output Voltage	12V±5%
Output Current (Full load)	1.67A
Output Power (Full load)	20W
Operating Frequency(Full load)	35-140KHz
Ripple & Noise	≤700mV
Load Regulation	≤5%
Line Regulation	≤5%
<b>Ambient</b>	
Storage Temperature	-20 ... + 70°C
Operating Ambient Temperature	-20 ... + 50°C

# Product Data Sheet

Case Temperature at tc Point	85°C
Relative humidity	5 ...85%
<b>Protection</b>	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed
<b>System Parameters</b>	
Withstand voltage	3.75KVAC,5mA,60S
Life span (h)	30,000Hours
<b>Compliance and approvals</b>	
Standards	EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Markings	 <p> <b>LED Driver Constant Voltage</b>  <b>UT12V/20W</b>            PRI: 220-240V~ 50/60Hz 0.21A            SEC: 12V---, 1.67A            λ : 0.5C            ta: -20...45°C tc: 75°C  <b>SELV</b> </p>
Total weight (kg)	0,075kg
Packaging size (WxDxH)	N/A
Other:	1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Expected Life:tc=80°C,0.2%/1000h failure rate

Mounting instructions	To be mounted with screws or self-adhesive tape
Packaging material	PE-bag
Recycling instructions	Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center

# Product Data Sheet

Article number (will be added by Beslag Design):

**992672 (12V/30W)**

Produced by KG	Date 2017-10-25	Replaces -	Valid from 2017-10-25
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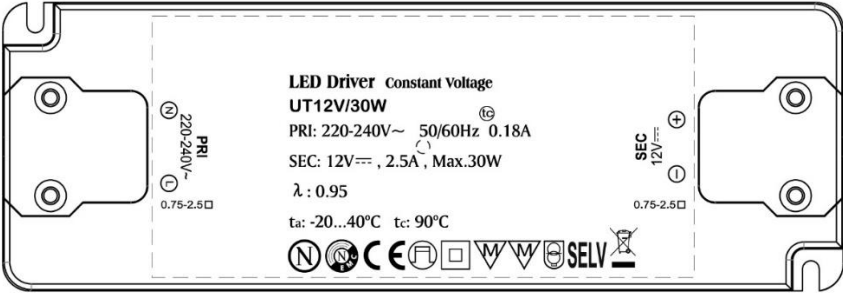
## Company information

<b>Company name</b>	Beslag Design	<b>Telephone number</b>	+46(0)431 784 80
<b>Address</b>	Inre Kustvägen 32 SE-269 43 Båstad	<b>Fax number</b>	+46(0)431 784 99
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## Product Data

<b>Product name</b>	UT12V/20W Complete
<b>Article No.</b>	992672
<b>Versions</b>	N/A
<b>Description</b>	220-240V LED Driver, Constant Voltage Driver
<b>Product material</b>	Polycarbonate housing
<b>Surface finish</b>	White / grey
<b>Dimensions (mm)</b>	155x53x16mm
<b>Connection type</b>	Captured Terminal Screw for 0.5~1.5 mm <sup>2</sup>
<b>Distributor</b>	6-way micro12 distributor with female connections, 500mm cord length
<b>Main lead</b>	3000mm with 2-pin European plug
<b>Electrical characteristics</b>	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
<b>Insulation degree</b>	Class II thermally protected 110, independent driver
<b>IP rating</b>	IP20
<b>Input Parameters</b>	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.2A
Input Frequency	50/60Hz
Maximum Input Power	35W
Power Factor (Full load)	0.95
THD(Full load)	≤10%
Efficiency (Full load)	≥88%
No-load power	≤0.5W
Inrush current(Max)	≤10.0A
Turn on time	≤500ms
<b>Output parameters</b>	
Output Voltage	12V
Output Current (Full load)	2.5A
Output Power (Full load)	30W
Operating Frequency(Full load)	65KHz
Ripple & Noise	≤2.8V
Load Regulation	≤5%
Line Regulation	≤5%
<b>Ambient</b>	
Storage Temperature	-20 ...+ 70°C
Operating Ambient Temperature	-20 ...+ 50°C

# Product Data Sheet

Case Temperature at tc Point	90°C
Relative humidity	5 ...85%
<b>Protection</b>	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed
<b>System Parameters</b>	
Withstand voltage	3.75KVAC,5mA,60S
Life span (h)	30,000Hours
<b>Compliance and approvals</b>	
Standards	EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Markings	
Total weight (kg)	0,105kg
Packaging size (WxDxH)	N/A
Other:	<ol style="list-style-type: none"> <li>All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.</li> <li>Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF &amp; 47uF parallel capacitor.</li> <li>Expected Life:tc=80°C,0.2%/1000h failure rate</li> </ol>

Mounting instructions	To be mounted with screws or self-adhesive tape
Packaging material	PE-bag
Recycling instructions	Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center

# Product Data Sheet

Article number (will be added by Beslag Design):

**992675 (24V/12W)**

Produced by KG	Date 2017-10-25	Replaces -	Valid from 2017-10-25
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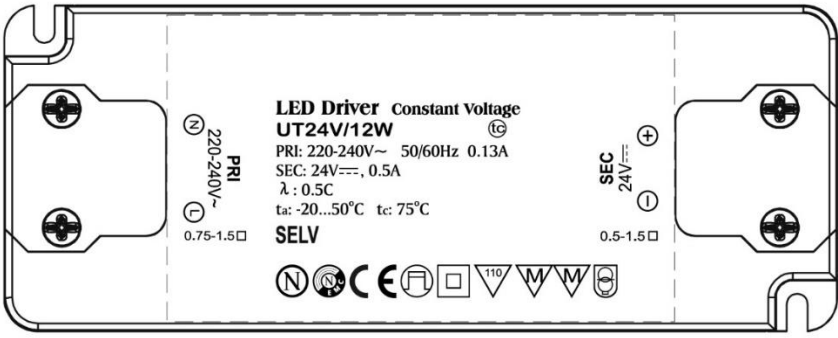
## Company information

<b>Company name</b>	Beslag Design	<b>Telephone number</b>	+46(0)431 784 80
<b>Address</b>	Inre Kustvägen 32 SE-269 43 Båstad	<b>Fax number</b>	+46(0)431 784 99
<b>E-mail</b>	info@beslagdesign.se	<b>Web page</b>	www.beslagdesign.se

## Product Data

<b>Product name</b>	UT24V/12W Complete
<b>Article No.</b>	992675
<b>Versions</b>	N/A
<b>Description</b>	220-240V LED Driver, Constant Voltage Driver
<b>Product material</b>	Polycarbonate housing
<b>Surface finish</b>	White / grey
<b>Dimensions (mm)</b>	128x50x13mm
<b>Connection type</b>	Captured Terminal Screw for 0.5~1.5 mm <sup>2</sup>
<b>Distributor</b>	6-way micro24 distributor with female connections, 500mm cord length
<b>Main lead</b>	3000mm with 2-pin European plug
<b>Electrical characteristics</b>	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
<b>Insulation degree</b>	Class II thermally protected 110, independent driver
<b>IP rating</b>	IP20
<b>Input Parameters</b>	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.13A
Input Frequency	50/60Hz
Maximum Input Power	15W
Power Factor (Full load)	0.50C
THD(Full load)	≤120%
Efficiency (Full load)	≥80%
No-load power	≤0.4W
Inrush current(Max)	8.0A
Turn on time	≤50ms
<b>Output parameters</b>	
Output Voltage	24V±5%
Output Current (Full load)	0.50A
Output Power (Full load)	12W
Operating Frequency(Full load)	35-140KHz
Ripple & Noise	≤500mV
Load Regulation	≤3%
Line Regulation	≤3%
<b>Ambient</b>	
Storage Temperature	-20 ...+ 70°C
Operating Ambient Temperature	-20 ...+ 50°C

# Product Data Sheet

Case Temperature at tc Point	80°C
Relative humidity	5 ...85%
<b>Protection</b>	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed
<b>System Parameters</b>	
Withstand voltage	3.75KVAC,5mA,60S
Life span (h)	30,000Hours
<b>Compliance and approvals</b>	
Standards	EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Markings	
Total weight (kg)	0,07kg
Packaging size (WxDxH)	N/A
Other:	<ol style="list-style-type: none"> <li>All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.</li> <li>Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF &amp; 47uF parallel capacitor.</li> <li>Expected Life:tc=80°C,0.2%/1000h failure rate</li> </ol>

Mounting instructions	To be mounted with screws or self-adhesive tape
Packaging material	PE-bag
Recycling instructions	Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center



# Product Data Sheet

Article number (will be added by Beslag Design):

**992676 (24V/30W)**

Produced by KG	Date 2017-10-25	Replaces -	Valid from 2017-10-25
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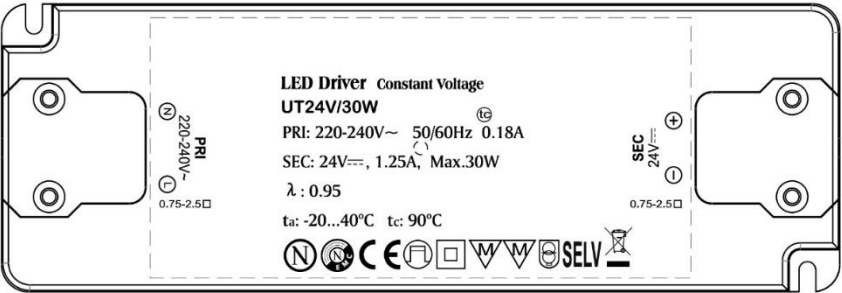
## Company information

<b>Company name</b>	Beslag Design	<b>Telephone number</b>	+46(0)431 784 80
<b>Address</b>	Inre Kustvägen 32 SE-269 43 Båstad	<b>Fax number</b>	+46(0)431 784 99
<b>E-mail</b>	info@beslagdesign.se	<b>Web page</b>	www.beslagdesign.se

## Product Data

<b>Product name</b>	UT24V/30W Complete
<b>Article No.</b>	992676
<b>Versions</b>	N/A
<b>Description</b>	220-240V LED Driver, Constant Voltage Driver
<b>Product material</b>	Polycarbonate housing
<b>Surface finish</b>	White / grey
<b>Dimensions (mm)</b>	155x53x16mm
<b>Connection type</b>	Captured Terminal Screw for 0.5~1.5 mm <sup>2</sup>
<b>Distributor</b>	6-way micro24 distributor with female connections, 500mm cord length
<b>Main lead</b>	3000mm with 2-pin European plug
<b>Electrical characteristics</b>	T <sub>a</sub> = 25°C, 220-240V <sub>rms</sub> input, standard reference load; unless otherwise specified
<b>Insulation degree</b>	Class II thermally protected 110, independent driver
<b>IP rating</b>	IP20
<b>Input Parameters</b>	
Rated Input Voltage	220-240VAC
Input Current (Full load)	0.18A
Input Frequency	50/60Hz
Maximum Input Power	35W
Power Factor (Full load)	≥0.95
THD(Full load)	N/A
Efficiency (Full load)	≥89%
No-load power	≤0.5W
Inrush current(Max)	≤10.0A
Turn on time	≤500ms
<b>Output parameters</b>	
Output Voltage	24V±5%
Output Current (Full load)	1.25A
Output Power (Full load)	30W
Operating Frequency(Full load)	65KHz
Ripple & Noise	≤3.0V
Load Regulation	≤5%
Line Regulation	≤5%
<b>Ambient</b>	
Storage Temperature	-20 ...+ 70°C

# Product Data Sheet

Operating Ambient Temperature	-20 ... + 50°C
Case Temperature at tc Point	90°C
Relative humidity	5 ... 85%
<b>Protection</b>	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed
<b>System Parameters</b>	
Withstand voltage	3.75KVAC, leakage < 5mA, 60s
Life span (h)	30,000Hours
<b>Compliance and approvals</b>	
Standards	EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Markings	 <p> <b>LED Driver Constant Voltage</b>  <b>UT24V/30W</b>            PRI: 220-240V~ 50/60Hz 0.18A            SEC: 24V~, 1.25A, Max.30W  <math>\lambda</math>: 0.95            ta: -20...40°C tc: 90°C            N, CE, SELV, etc.         </p>
Total weight (kg)	0,105kg
Packaging size (WxDxH)	N/A
Other:	1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. 3. Expected Life:tc=80°C,0.2%/1000h failure rate

Mounting instructions	To be mounted with screws or self-adhesive tape
Packaging material	PE-bag
Recycling instructions	Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center

# Product Data Sheet

Article number (will be added by Beslag Design):

**992677 (24V/50W)**

Produced by KG	Date 2017-10-25	Replaces -	Valid from 2017-10-25
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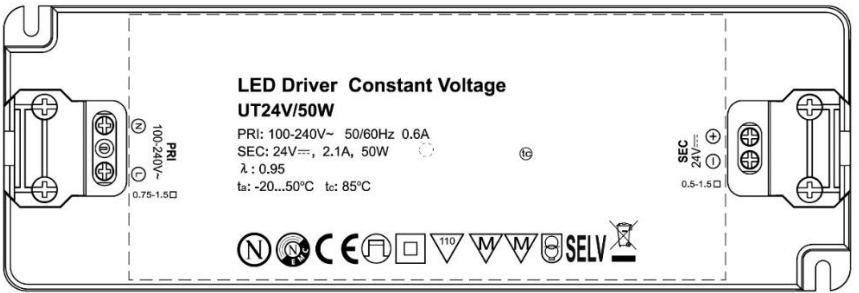
## Company information

<b>Company name</b>	Beslag Design	<b>Telephone number</b>	+46(0)431 784 80
<b>Address</b>	Inre Kustvägen 32 SE-269 43 Båstad	<b>Fax number</b>	+46(0)431 784 99
<b>E-mail</b>	info@beslagdesign.se	<b>Web page</b>	www.beslagdesign.se

## Product Data

<b>Product name</b>	UT24V/50W Complete
<b>Article No.</b>	992677
<b>Versions</b>	N/A
<b>Description</b>	220-240V LED Driver, Constant Voltage Driver
<b>Product material</b>	Polycarbonate housing
<b>Surface finish</b>	White / grey
<b>Dimensions (mm)</b>	185x62x22mm
<b>Connection type</b>	Captured Terminal Screw for 0.5~1.5 mm <sup>2</sup>
<b>Distributor</b>	6-way micro24 distributor with female connections, 500mm cord length
<b>Main lead</b>	3000mm with 2-pin European plug
<b>Electrical characteristics</b>	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
<b>Insulation degree</b>	Class II thermally protected 110, independent driver
<b>IP rating</b>	IP20
<b>Input Parameters</b>	
Rated Input Voltage	100-240VAC
Input Current (Full load)	0.60A
Input Frequency	50/60Hz
Maximum Input Power	59.0W
Power Factor (Full load)	≥0.95
THD(Full load)	≤10%
Efficiency (Full load)	≥84%
No-load power	≤0.5W
Inrush current(Max)	≤15.0A
Turn on time	≤500ms
<b>Output parameters</b>	
Output Voltage	24V±5%
Output Current (Full load)	2.1A
Output Power (Full load)	50.0W
Operating Frequency(Full load)	65KHz
Ripple & Noise	≤600mV
Load Regulation	≤5%
Line Regulation	≤5%
<b>Ambient</b>	
Storage Temperature	-20 ... + 70°C
Operating Ambient Temperature	-20 ... + 50°C

# Product Data Sheet

Case Temperature at tc Point	85°C
Relative humidity	5 ...85%
<b>Protection</b>	
No Load	Auto-recovery if fault is removed
Over Load	Auto-recovery if fault is removed
Short Circuit	Auto-recovery if fault is removed
<b>System Parameters</b>	
Withstand voltage	3.75KVAC, Ileakage<5mA, 60s
Life span (h)	30,000Hours
<b>Compliance and approvals</b>	
Standards	EN61347-2-2-13:2014 EN61347-1:2008;A1;A2 EN62493:2010 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Markings	 <p><b>LED Driver Constant Voltage</b> <b>UT24V/50W</b> PRI: 100-240V~ 50/60Hz 0.6A SEC: 24V~, 2.1A, 50W <math>\lambda</math>: 0.95 ta: -20...50°C tc: 85°C</p>
Total weight (kg)	0,230kg
Packaging size (WxDxH)	N/A
Other:	<ol style="list-style-type: none"> <li>All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.</li> <li>Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF &amp; 47uF parallel capacitor.</li> <li>Expected Life:tc=80°C,0.2%/1000h failure rate</li> </ol>

Mounting instructions	Mounted with screws or self-adhesive tape
Packaging material	PE-bag
Recycling instructions	Device is subject to the European Community directives 2002/96/CE and 2003/108/CE and shall be handed in at a waste deposit center