



► Features

- Ultra High Efficiency (Up to 91%)
- Dual Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties	
Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.96@220Vac
Input AC Current	1.2A(max.)@110Vac, 0.6A(max.)@220Vac
Efficiency	89%(typ.)@110Vac(full load) , 91%(typ.)@220Vac(full load)
Max. Output Power	100W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<1s@110Vac, <0.6s@220Vac
Protection Functions	OTP, OVP, SCP

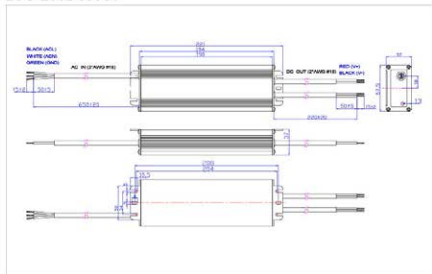
Environmental Specifications	
Operating Temperature	-35~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Tc=60°C
Dimensions (L×W×H)	198×67.5×36.5 (mm)

► Model Specification

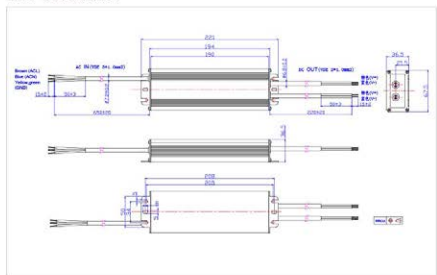
Model Number	Output Current	Output Voltage Range	Typical Full Load Efficiency	
			110VAC	220VAC
EUC-100D035ST(SV)	350 mA	90~142 Vdc	89%	91%

► Mechanical Outline (unit:mm)

EUC-100D035ST



EUC-100D035SV



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-in
Constant Voltage

Outdoor Single-sided
Constant Current

Outdoor Single-sided
Constant Voltage

Outdoor Multi-sided
Constant Current

Indoor
Constant Current



► Features

- Ultra High Efficiency (Up to 91%)
- Triple Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties

Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.94@220Vac
Input AC Current	1.51A(max.)@110Vac, 0.7A(max.)@220Vac
Efficiency	88%(typ.)@110Vac(full load), 91%(typ.)@220Vac(full load)
Max. Output Power	113W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@110Vac, <3s@220Vac
Protection Functions	OTP, SCP, OVP

Environmental Specifications

Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Tc=60°C
Dimensions (L×W×H)	188×88×38 (mm)

► Model Specification

Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-108T070ST	700 mA	-	29~54 Vdc	88%	91%
EUC-108T105ST	1050 mA	-	19~36 Vdc	87%	90%
EUC-108T140ST	1400 mA	-	14~25 Vdc	87%	90%
EUC-108T070DT	700 mA	0-10V	29~54 Vdc	88%	91%
EUC-108T105DT	1050 mA	0-10V	19~36 Vdc	87%	90%
EUC-108T140DT	1400 mA	0-10V	14~25 Vdc	87%	90%

Indoor Open Frame
Constant Current

 Indoor Built-out
Constant Current

 Indoor Built-in
Constant Voltage

 Outdoor Built-out
Constant Current

 Outdoor Built-in
Constant Voltage

 Outdoor Multi-lumen
Constant Current

 Outdoor
Constant Voltage


► Features

- Ultra High Efficiency (Up to 92%)
- Dual Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties

Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.95@220Vac
Input AC Current	1.5A(max.)@110Vac, 0.7A(max.)@220Vac
Efficiency	90%(typ.)@110Vac(full load), 92%(typ.)@220Vac(full load)
Max. Output Power	120W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@110Vac, <1s@220Vac
Protection Functions	OTP, OVP, SCP

Environmental Specifications

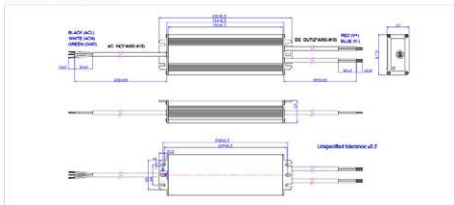
Operating Temperature	-35~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	350,000 hours Ta=25°C
Life Time	50,000 hours Tc=65°C
Dimensions (L×W×H)	194×67.5×37 (mm)

► Model Specification

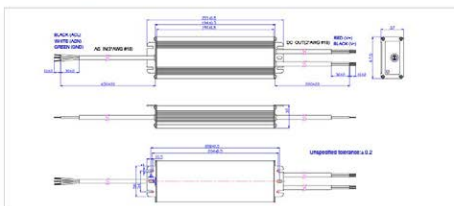
Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-120D035ST(SV)	350 mA	-	103~171 Vdc	90%	92%
EUC-120D070ST(SV)	700 mA	-	52 ~ 86 Vdc	90%	92%
EUC-120D105ST(SV)	1050 mA	-	34 ~ 57 Vdc	90%	92%
EUC-120D245ST(SV)	2450 mA	-	14 ~ 24 Vdc	89%	91%
EUC-120D035TT	350 mA	Timer Dimming	85~171 Vdc	90%	92%
EUC-120D070TT	700 mA	Timer Dimming	43 ~ 86 Vdc	90%	92%
EUC-120D105TT	1050 mA	Timer Dimming	28 ~ 56 Vdc	90%	92%
EUC-120D245TT	2450 mA	Timer Dimming	12 ~ 24 Vdc	89%	91%

► Mechanical Outline (unit:mm)

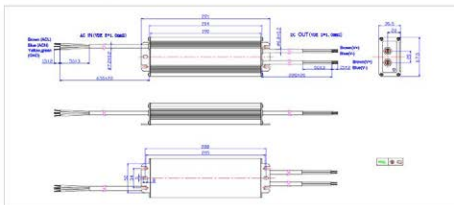
EUC-120DxxxST



EUC-120DxxxTT



EUC-120DxxxSV



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-out
Constant Voltage

Outdoor Single-channel
Constant Current

Outdoor Single-channel
Constant Voltage

Outdoor Multi-channel
Constant Current

Indoor Multi-channel
Constant Voltage



► Features

- Ultra High Efficiency (Up to 92%)
- Triple Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With CE, CQC, TUV, CB Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties

Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.94@220Vac
Input AC Current	1.51A(max.)@110Vac, 0.7A(max.)@220Vac
Efficiency	89%(typ.)@110Vac(full load), 92%(typ.)@220Vac(full load)
Max. Output Power	120W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@110Vac, <3s@220Vac
Protection Functions	OTP, SCP, OVP

Environmental Specifications

Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Ta=45°C
Dimensions (L×W×H)	188×88×38 (mm)

► Model Specification

Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-120T035ST	350 mA	-	57~114 Vdc	89%	92%
EUC-120T035SV	350 mA	-	57~103 Vdc	89%	92%
EUC-120T045ST(SV)	450 mA	-	45~90 Vdc	89%	92%
EUC-120T060ST(SV)	600 mA	-	40~70 Vdc	88.5%	91.5%
EUC-120T070ST(SV)	700 mA	-	29~57 Vdc	88.5%	91.5%
EUC-120T105ST(SV)	1050 mA	-	19~38 Vdc	87%	90%
EUC-120T140ST(SV)	1400 mA	-	14~29 Vdc	87%	90%
EUC-120T035DT	350 mA	0-10V	57~114 Vdc	89%	92%
EUC-120T035DV	350 mA	0-10V	57~103 Vdc	89%	92%
EUC-120T045DT(DV)	450 mA	0-10V	45~90 Vdc	89%	92%
EUC-120T060DT(DV)	600 mA	0-10V	40~70 Vdc	88.5%	91.5%
EUC-120T070DT(DV)	700 mA	0-10V	29~57 Vdc	88.5%	91.5%
EUC-120T105DT(DV)	1050 mA	0-10V	19~38 Vdc	87%	90%
EUC-120T140DT(DV)	1400 mA	0-10V	14~29 Vdc	87%	90%



► Features

- Ultra High Efficiency (Up to 91.0%)
- Quad Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties

Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.95@220Vac
Input AC Current	2.1A(max.)@110Vac, 0.9A(max.)@220Vac
Efficiency	88%(typ.)@110Vac(full load), 91%(typ.)@220Vac(full load)
Max. Output Power	151W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@110Vac, <3s@220Vac
Protection Functions	OTP, SCP, OVP

Environmental Specifications

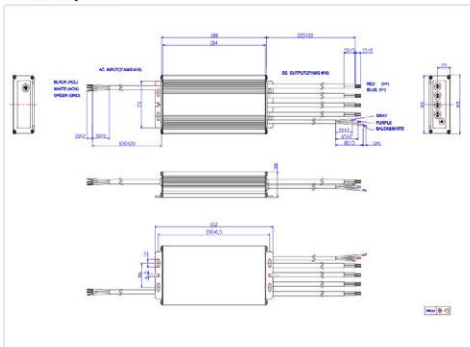
Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Tc=60°C
Dimensions (L×W×H)	188×88×38 (mm)

► Model Specification

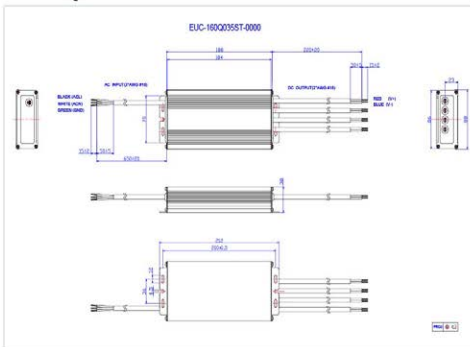
Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-144Q070ST	700 mA	-	29~54 Vdc	88%	91%
EUC-144Q105ST	1050 mA	-	19~36 Vdc	87%	90%
EUC-144Q140ST	1400 mA	-	14~25 Vdc	86%	89%
EUC-144Q070DT	700 mA	0-10V	29~54 Vdc	88%	91%
EUC-144Q105DT	1050 mA	0-10V	19~36 Vdc	87%	90%
EUC-144Q140DT	1400 mA	0-10V	14~25 Vdc	86%	89%

► Mechanical Outline (unit:mm)

EUC-144QxxxDT



EUC-144QxxxST



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-in
Constant Voltage

Outdoor Single-channel
Constant Current

Outdoor Single-channel
Constant Voltage

Outdoor Multi-channel
Constant Current

Indoor Multi-channel
Constant Current



► Features

- Ultra High Efficiency (Up to 92.0%)
- Active Power Factor Correction (0.99 Typical)
- Dimming Function
- Constant Current Output
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulation

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties

Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.95@220Vac
Input AC Current	1.8A(max.)@110Vac, 0.9A(max.)@220Vac
Efficiency	90%(typ.)@110Vac(full load), 92%(typ.)@220Vac(full load)
Max. Output Power	150W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@220Vac
Protection Functions	OTP, OVP, SCP

Environmental Specifications

Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Tc=60°C
Dimensions (L×W×H)	199×67.5×39.5 (mm)

► Model Specification

Model Number	Output Current	Output Voltage Range	Dimming	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-150S053STA	530 mA	142~283Vdc	-	90%	92%
EUC-150S070STA	700 mA	107~214Vdc	-	90%	92%
EUC-150S105STA	1050 mA	71~142 Vdc	-	90%	92%
EUC-150S140STA	1400 mA	53~107 Vdc	-	89%	91%
EUC-150S210STA	2100 mA	36~71.5Vdc	-	89%	91%
EUC-150S245STA	2450 mA	31~61.2Vdc	-	89%	91%
EUC-150S280STA	2800 mA	27~53.5Vdc	-	89%	91%
EUC-150S315STA	3150 mA	24~47 Vdc	-	89%	89%
EUC-150S053DTA	530 mA	142~283Vdc	0-10V	90%	92%
EUC-150S070DTA	700 mA	107~214Vdc	0-10V	90%	92%
EUC-150S105DTA	1050 mA	71~142 Vdc	0-10V	90%	92%
EUC-150S140DTA	1400 mA	53~107 Vdc	0-10V	89%	91%
EUC-150S210DTA	2100 mA	36~71.5Vdc	0-10V	89%	91%
EUC-150S245DTA	2450 mA	31~61.2Vdc	0-10V	89%	91%
EUC-150S280DTA	2800 mA	27~53.5Vdc	0-10V	89%	91%
EUC-150S315DTA	3150 mA	24~47 Vdc	0-10V	89%	89%



► Features

- Ultra High Efficiency (Up to 91%)
- Triple Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties

Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.95@220Vac
Input AC Current	1.7A(max.)@110Vac, 0.8A(max.)@220Vac
Efficiency	89%(typ.)@110Vac(full load), 91%(typ.)@220Vac(full load)
Max. Output Power	150W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<1s@110Vac, <0.8s@220Vac
Protection Functions	OTP, OVP, SCP

Environmental Specifications

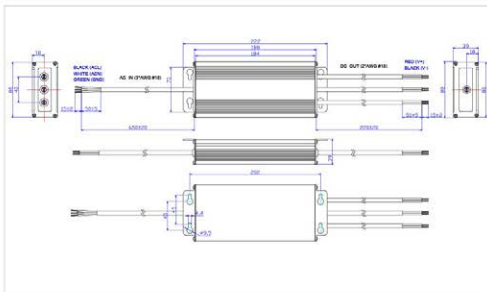
Operating Temperature	-35~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	230,000 hours Ta=25°C
Life Time	50,000 hours Tc=65°C
Dimensions (L×W×H)	188×88×38 (mm)

► Model Specification

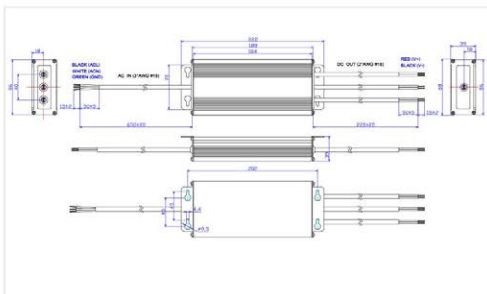
Model Number	Output Current	Output Voltage Range	Typical Full Load Efficiency	
EUC-150T035ST(SV)	350 mA	90~142 Vdc	110VAC 89%	220VAC 91%

► Mechanical Outline (unit:mm)

EUC-150T035ST



EUC-150T035SV



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-out
Constant Voltage

Outdoor Single-channel
Constant Current

Outdoor Single-channel
Constant Voltage

Outdoor Multi-channel
Constant Current

Indoor Multi-channel
Constant Current



Electrical Properties	
Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.95@220Vac
Input AC Current	2.1A(max.)@110Vac, 0.9A(max.)@220Vac
Efficiency	89%(typ.)@110Vac(full load), 92%(typ.)@220Vac(full load)
Max. Output Power	168W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@110Vac, <3s@220Vac
Protection Functions	OTP,SCP,OVP

► Features

- Ultra High Efficiency (Up to 92.0%)
- Quad Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL,CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

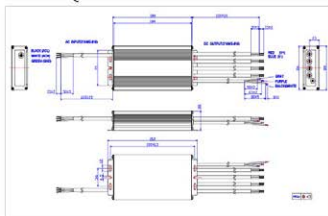
Environmental Specifications	
Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Tc=60°C
Dimensions (L×W×H)	188×88×38 (mm)

► Model Specification

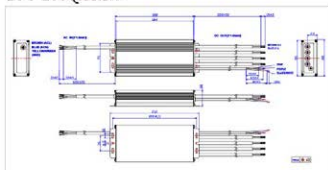
Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-160Q035ST	350 mA	—	57~114 Vdc	89%	92%
EUC-160Q035SV	350 mA	—	57~103 Vdc	89%	92%
EUC-160Q045ST(SV)	450 mA	—	45~90 Vdc	89%	92%
EUC-160Q060ST(SV)	600 mA	—	40~70 Vdc	88.5%	91.5%
EUC-160Q070ST(SV)	700 mA	—	29~57 Vdc	88.5%	91.5%
EUC-160Q105ST(SV)	1050 mA	—	19~38 Vdc	87%	90%
EUC-160Q140ST(SV)	1400 mA	—	14~29 Vdc	87%	90%
EUC-160Q035DT	350 mA	0-10V	57~114 Vdc	89%	92%
EUC-160Q035DV	350 mA	0-10V	57~103 Vdc	89%	92%
EUC-160Q045DT(DV)	450 mA	0-10V	45~90 Vdc	89%	92%
EUC-160Q060DT(DV)	600 mA	0-10V	40~70 Vdc	88.5%	91.5%
EUC-160Q070DT(DV)	700 mA	0-10V	29~57 Vdc	88.5%	91.5%
EUC-160Q105DT(DV)	1050 mA	0-10V	19~38 Vdc	87%	90%
EUC-160Q140DT(DV)	1400 mA	0-10V	14~29 Vdc	87%	90%

► Mechanical Outline (unit:mm)

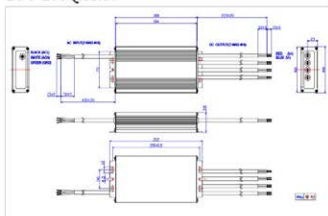
EUC-160QxxxDT



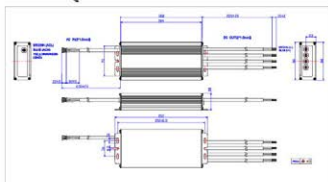
EUC-160QxxxDV



EUC-160QxxxST



EUC-160QxxxSV



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-out
Constant Voltage

Outdoor Built-out
Constant Current

Outdoor Built-out
Constant Voltage

Outdoor Built-out
Constant Current

Indoor Built-out
Constant Voltage



Electrical Properties	
Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.94@220Vac
Input AC Current	2.5A(max.)@110Vac, 1.1A(max.)@220Vac
Efficiency	89%(typ.)@110Vac(full load), 92%(typ.)@220Vac(full load)
Max. Output Power	189W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@110Vac, <3s@220Vac
Protection Functions	OTP,SCP,OVP

► Features

- Ultra High Efficiency (Up to 92.0%)
- Pentad Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL,CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

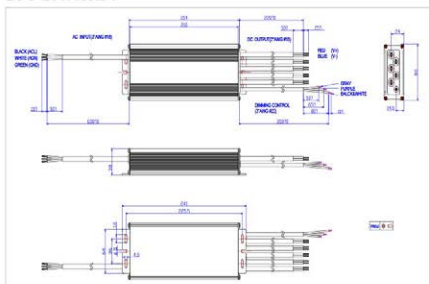
Environmental Specifications	
Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Tc=60°C
Dimensions (L×W×H)	210×82×38 (mm)

► Model Specification

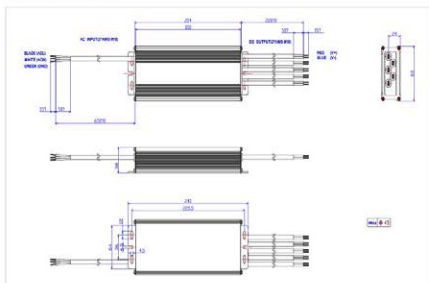
Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-180P070ST	700 mA	-	29~54 Vdc	89%	92%
EUC-180P105ST	1050 mA	-	19~36 Vdc	87%	90%
EUC-180P140ST	1400 mA	-	14~25 Vdc	87%	90%
EUC-180P070DT	700 mA	0-10V	29~54 Vdc	89%	92%
EUC-180P105DT	1050 mA	0-10V	19~36 Vdc	87%	90%
EUC-180P140DT	1400 mA	0-10V	14~25 Vdc	87%	90%

► Mechanical Outline (unit:mm)

EUC-180PxxxDT



EUC-180PxxxST



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-out
Constant Voltage

Outdoor Built-out
Constant Current

Outdoor Built-out
Constant Voltage

Outdoor Built-out
Constant Current

Indoor Built-out
Constant Voltage



► Features

- Ultra High Efficiency (Up to 92.5%)
- Pentad Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties	
Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.94@220Vac
Input AC Current	2.5A(max.)@110Vac, 1.1A(max.)@220Vac
Efficiency	90%(typ.)@110Vac(full load), 92.5%(typ.)@220Vac(full load)
Max. Output Power	200W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<3s@110Vac, <3s@220Vac
Protection Functions	OTP, SCP, OVP

Environmental Specifications	
Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	30,000 hours Tc=60°C
Dimensions (L×W×H)	210×82×38 (mm)

► Model Specification

Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-200P035ST	350 mA	—	57~114 Vdc	89%	92.5%
EUC-200P035SV	350 mA	—	57~103 Vdc	89%	92.5%
EUC-200P045ST(SV)	450 mA	—	45~90 Vdc	89%	92.5%
EUC-200P060ST(SV)	600 mA	—	40~70 Vdc	88.5%	92%
EUC-200P070ST(SV)	700 mA	—	29~57 Vdc	88.5%	92%
EUC-200P035DT	350 mA	0-10V	57~114 Vdc	89%	92.5%
EUC-200P035DV	350 mA	0-10V	57~103 Vdc	89%	92.5%
EUC-200P045DT(DV)	450 mA	0-10V	45~90 Vdc	89%	92.5%
EUC-200P060DT(DV)	600 mA	0-10V	40~70 Vdc	88.5%	92%
EUC-200P070DT(DV)	700 mA	0-10V	29~57 Vdc	88.5%	92%



► Features

- Ultra High Efficiency (Up to 91.0%)
- Hexad Channels Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties

Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.95@220Vac
Input AC Current	2.9A(max.)@110Vac, 1.3A(max.)@220Vac
Efficiency	89%(typ.)@110Vac(full load), 91.5%(typ.)@220Vac(full load)
Max. Output Power	240W
Output Current Tolerance	±5%
Line Regulation	±1%
Load Regulation	±3%
Turn-on Delay Time	<3s@110Vac, <2s@220Vac
Protection Functions	OTP, SCP, OVP

Environmental Specifications

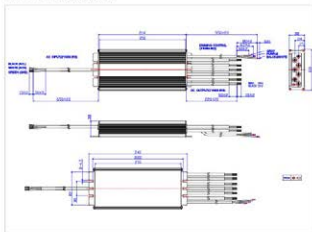
Operating Temperature	-40~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Ta=45°C
Dimensions (L×W×H)	210×100×38 (mm)

► Model Specification

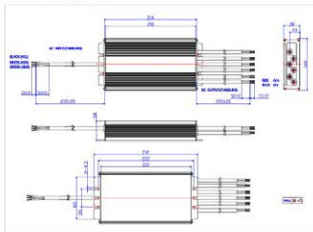
Model Number	Output Current	Dimming	Output Voltage Range	Typical Full Load Efficiency	
				110VAC	220VAC
EUC-240H035ST	350 mA	-	57~114 Vdc	88%	91%
EUC-240H035SV	350 mA	-	57~103 Vdc	88%	91.5%
EUC-240H070ST(SV)	700 mA	-	29~54 Vdc	88%	91%
EUC-240H105ST(SV)	1050 mA	-	19~38 Vdc	87%	90.5%
EUC-240H140ST(SV)	1400 mA	-	15~25.7Vdc	86%	90%
EUC-240H035DT	350 mA	0-10V	57~114 Vdc	89%	91%
EUC-240H035DV	350 mA	0-10V	57~103 Vdc	88%	91.5%
EUC-240H070DT(DV)	700 mA	0-10V	29~54 Vdc	88%	91%
EUC-240H105DT(DV)	1050 mA	0-10V	19~38 Vdc	87%	90.5%
EUC-240H140DT(DV)	1400 mA	0-10V	15~25.7Vdc	86%	90%

► Mechanical Outline (unit:mm)

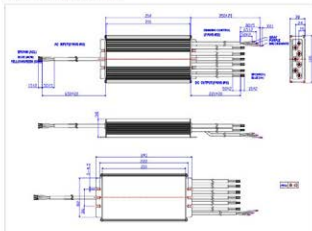
EUC-240HxxxDT



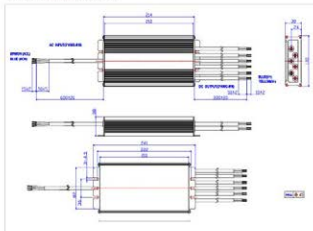
EUC-240HxxxST



EUC-240HxxxDV



EUC-240HxxxSV



Indoor Open Frame
Constant Current

Indoor Built-out
Constant Current

Indoor Built-out
Constant Voltage

Outdoor Built-out
Constant Current

Outdoor Built-out
Constant Voltage

Outdoor Built-out
Constant Current

Outdoor Built-out
Constant Voltage



► Features

- Ultra High Efficiency (Up to 91%)
- Quad Channel Output
- Active Power Factor Correction (0.99 Typical)
- Constant Current Output
- Lightning Protection
- All-Round Protection: SCP, OTP, OVP
- Waterproof (IP67)
- Comply With UL, CE Safety Regulations

► Applications

- Street Lights, Tunnel Lights, Landscape Lights

Electrical Properties	
Input Voltage	90~305 Vac
Input Frequency	47~63 Hz
Power Factor	0.99@110Vac, 0.96@220Vac
Input AC Current	2.3A(max.)@110Vac, 1.1A(max.)@220Vac
Efficiency	88%(typ.)@110Vac(full load), 91%(typ.)@220Vac(full load)
Max. Output Power	200W
Output Current Tolerance	±5%
Line Regulation	±0.5%
Load Regulation	±1.5%
Turn-on Delay Time	<1s@110Vac, <0.8s@220Vac
Protection Functions	OTP, OVP, SCP

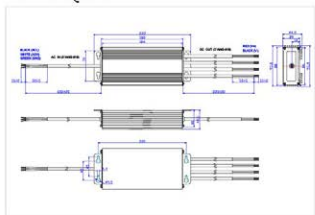
Environmental Specifications	
Operating Temperature	-35~70°C
Storage Temperature	-40~85°C
Operating Humidity	10%~100% RH
Storage Humidity	5%~100% RH
Cooling Method	Natural convection
MTBF	200,000 hours Ta=25°C
Life Time	50,000 hours Tc=60°C
Dimensions (L×W×H)	188×93.9×43.5 (mm)

► Model Specification

Model Number	Output Current	Output Voltage Range	Typical Full Load Efficiency	
EUC-200Q035ST(SV)	350 mA	90~142 Vdc	110VAC 88%	220VAC 91%

► Mechanical Outline (unit:mm)

EUC-200Q035ST



EUC-200Q035SV

