



## FKSZ2.E334687

## Drivers for Light-emitting-diode Arrays, Modules and Controllers - Component

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## Drivers for Light-emitting-diode Arrays, Modules and Controllers - Component

[See General Information for Drivers for Light-emitting-diode Arrays, Modules and Controllers - Component](#)**MEAN WELL ENTERPRISES CO LTD**

E334687

28 W UQUAN 3RD RD WUGU DIST  
NEW TAIPEI, 248 TAIWAN**Isolated Class 2 LED Power Supplies**, Model(s) HLG-80H-YZ (for units with metal enclosure), where Y can be 12, 15, 20, 24, 30, 36, 42, 48, 54 and Z can be A, B, D, AB or blank.

HLN-80H-YZ (for units with plastic enclosure), where Y can be 12, 15, 20, 24, 30, 36, 42, 48, 54 and Z can be A, B or AB.

HLP-80H-Y (for units without enclosure), Y can be 12, 15, 20, 24, 30, 36, 42, 48 and 54

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LFF-90X-Y\$where Y can be 15, 20, 24, 30, 36, 42, 48, and 54

LFF-90X-Y, where Y can be 15, 20, 24, 30, 36, 42

LFF-xy-zw series, where x may be 16 or 25; y may be Blank or D; z may be 12, 15, 20, 24, 30, 36, 42, 48 or 54 and w may be P or blank.

PCD-16-350z, and z may be A or B.

PCD-16-yz, y can be 700, 1050, 1400 and z may be A or B.

PCD-25-500AZT

PCD-25-yz, y can be 1050, 1400 and z may be A or B.

PCD-25-yz, y can be 350, 700 and z may be A or B.

PLD-16-350z, and z may be A or B.

PLD-16-yz, y can be 700, 1050, 1400 and z may be A or B.

PLD-25-y, y can be 1050, 1400 and z may be A or B.

PLD-25-y, y can be 350, 700 and z may be A or B.

PLP-X-Y, where X can be 30, 45 or 60 and Y can be 12, 24 or 48

**Isolated Class 2 output, LED Drivers**, Model(s) LCM-25X, where X may be blank or DA**Isolated LED Drivers Other Than Class 2**, Model(s) HVG-65-YX-CZZZZ, where X may be A, B, D or AB, Y may be 12, 15, 20, 24, 30, 36, 42, 48 and 54, and CZZZZ is optional, when provided, the ZZZZ may be substituted with a four-digit number that is between 0000 and the maximum number as follows. When YY is 12, 15, 20, 24, 30, 36, 42, 48 or 54, the corresponding maximum value for "ZZZZ" is 5000, 4300, 3250, 2710, 2170, 1810, 1550, 1360 or 1210.

HVG-65-XY, where X may be 350, 500, 700, 1050; Y can be A, B, AB or D

**LED Drivers Other Than Class 2**, Model(s) HLG-120H-CXY Series, where X may be 350, 500, 700, 1050 or 1400 and Y can be A, B, AB or D

HLG-185H-CXY Series, where X may be 500, 700, 1050 or 1400 and Y can be A, B, AB or D.

HLG-80H-CXY(@), LCM-XY(&gt;)

**LED Drivers Other Than Class 2 with isolated output**, Model(s) HBG-100-60Y=

HBG-160-XY, where X may be 24, 36, 48 or 60 and Y may be A, B, AB, E or blank.

HBG-240-XY(?)

**LED drivers, Class 2 isolated output, "HLG-100-YZ Series"**, Model(s) HLG-100-20Z\*, HLG-100-24Z\*, HLG-100-30Z\*, HLG-100-36Z\*, HLG-100-42Z\*, HLG-100-48Z\*, HLG-100-54Z\***LED drivers, Class 2 isolated output, "HLG-100H-YZ Series"**, Model(s) HLG-100H-20Z(%), HLG-100H-24Z(%), HLG-100H-30Z(%), HLG-100H-36Z(%), HLG-100H-42Z(%), HLG-100H-48Z(%), HLG-100H-54Z(%)**LED drivers, Class 2 isolated output**, Model(s) NPF/PW M-XY-Z series, where X can be 40 or 60 and where Y can be blank or D and where Z can be 12, 15, 20, 24, 30, 36, 42, 48 or 54

PLM-12-X where X may be 350, 500, 700, 1050, PLM-25-Y where Y may be 500, 700, 1050

**LED drivers, Class 2 isolated output with glue**, Model(s) CLG-100-12, CLG-100-15, CLG-100-20, CLG-100-24, CLG-100-24DLU, CLG-100-24LU, CLG-100-27, CLG-100-36, CLG-100-48**LED drivers, Class 2 isolated output with potting compound**, Model(s) CLG-60-12, CLG-60-15, CLG-60-20, CLG-60-24, CLG-60-27, CLG-60-36, CLG-60-48**LED drivers, Class 2 isolated output without glue**, Model(s) CLN-100-12, CLN-100-15, CLN-100-20, CLN-100-24, CLN-100-27, CLN-100-36, CLN-100-48, PLN-100-12, PLN-100-15, PLN-100-20, PLN-100-24, PLN-100-27, PLN-100-36, PLN-100-48

**LED drivers, Class 2 isolated output without potting compound**, Model(s) CLN-60-12, CLN-60-15, CLN-60-20, CLN-60-24, CLN-60-27, CLN-60-36, CLN-60-48, PLN-45-12, PLN-45-15, PLN-45-20, PLN-45-24, PLN-45-27, PLN-45-36, PLN-45-48, PLN-60-12, PLN-60-15, PLN-60-20, PLN-60-24, PLN-60-27, PLN-60-36, PLN-60-48

**LED Drivers, Isolated Class 2 LED Power Supplies**, Model(s) NPF-90X-Y, where X may be blank or D, Y may be 20, 24, 30, 36, 42, 48 or 54 ; PWM-90-Z, where Z may be 24, 36 or 48

**LED Drivers, Isolated Class 2 output**, Model(s) and PLM-25-Y where Y may be 500,700,1050

**LED Drivers, Isolated output**, Model(s) HLG-600H-XY, where X can be 12, 15, 20, 24, 30, 36, 42, 48 or 54 for output voltage and where Y can be blank, A, B or AB.

**LED Drivers, LVLE with isolated output**, Model(s) HBG-100-XY~

**LED drivers, other than Class 2, "HLG-120-XZ Series"**, Model(s) HLG-120-12Z\*, HLG-120-15Z\*, HLG-120-20Z\*, HLG-120-24Z\*, HLG-120-30Z\*, HLG-120-36Z\*, HLG-120-42Z\*, HLG-120-48Z\*, HLG-120-54Z\*

**LED drivers, other than Class 2, "HLG-120H-XZ Series"**, Model(s) HLG-120H-12Z(%) , HLG-120H-15Z(%) , HLG-120H-20Z(%) , HLG-120H-24Z(%) , HLG-120H-30Z(%) , HLG-120H-36Z(%) , HLG-120H-42Z(%) , HLG-120H-48Z(%) , HLG-120H-54Z(%)

**LED drivers, other than Class 2**, Model(s) HLG-60H-CXY, where X may be 350 or 700 and Y can be A, B, AB or D.

**LED Drivers, Other than Class 2 with isolated output**, Model(s) PLM-40-X, where X may be 350, 500, 700

PWM-90-12, NPF-90X-Y; where X may be blank or D, Y may be 12 or 15

**LED drivers, other than Class 2, Isolated output, "HLG-150-YZ Series"**, Model(s) HLG-150-12Z\*, HLG-150-15Z\*, HLG-150-20Z\*, HLG-150-24Z\*, HLG-150-30Z\*, HLG-150-36Z\*, HLG-150-42Z\*, HLG-150-48Z\*, HLG-150-54Z\*

**LED drivers, other than Class 2, Isolated output, "HLG-150H-YZ Series"**, Model(s) HLG-150H-12Z(%) , HLG-150H-15Z(%) , HLG-150H-20Z(%) , HLG-150H-24Z(%) , HLG-150H-30Z(%) , HLG-150H-36Z(%) , HLG-150H-42Z(%) , HLG-150H-48Z(%) , HLG-150H-54Z(%)

**LED drivers, other than Class 2, Isolated output, "HLG-185-YZ Series"**, Model(s) HLG-185-12Z\*, HLG-185-15Z\*, HLG-185-20Z\*, HLG-185-24Z\*, HLG-185-30Z\*, HLG-185-36Z\*, HLG-185-42Z\*, HLG-185-48Z\*, HLG-185-54Z\*

**LED drivers, other than Class 2, Isolated output, "HLG-185H-YZ Series"**, Model(s) HLG-185H-12Z(%) , HLG-185H-15Z(%) , HLG-185H-20Z(%) , HLG-185H-24Z(%) , HLG-185H-30Z(%) , HLG-185H-36Z(%) , HLG-185H-42Z(%) , HLG-185H-48Z(%) , HLG-185H-54Z(%)

**LED drivers, other than Class 2, Isolated output**, Model(s) HLG-240-12Z+, HLG-240-15Z+, HLG-240-20Z+, HLG-240-24Z+, HLG-240-30Z+, HLG-240-36Z+, HLG-240-42Z+, HLG-240-48Z+, HLG-240-54Z+, HLG-240H-12Z+, HLG-240H-15Z+, HLG-240H-20Z+, HLG-240H-24Z+, HLG-240H-30Z+, HLG-240H-36Z+, HLG-240H-42Z+, HLG-240H-48Z+, HLG-240H-54Z+

HLG-320H-YZ&# where Z shall be A,B,C,D, or blank

HVG-150-XY, where X may be 12, 15, 20, 24, 30, 36, 42, 48 or 54 and Y may be A, B, D or AB. Models: HVGC-150-XY, where X may be 350, 500, 700, 1050 or 1400 and Y may be A, B, D or AB.

**LED Drivers, with isolated output (LVLE)**, Model(s) PLM-25-350, PLM-40-X, where X may be 1050, 1400, 1750

**LED drives other than Class 2**, Model(s) CLG-150-12, CLG-150-12A, CLG-150-12B, CLG-150-12C, CLG-150-15, CLG-150-15A, CLG-150-15B, CLG-150-15C, CLG-150-20, CLG-150-20A, CLG-150-20B, CLG-150-20C, CLG-150-24, CLG-150-24A, CLG-150-24B, CLG-150-24C, CLG-150-30, CLG-150-30A, CLG-150-30B, CLG-150-30C, CLG-150-36, CLG-150-36A, CLG-150-36B, CLG-150-36C, CLG-150-48, CLG-150-48A, CLG-150-48B, CLG-150-48C

HVGC-100-XY, where X may be 350 or 700 and Y can be A, B or D or AB.

**LED power supplies, Class 2 isolated, "CEN-60-Y Series"**, Model(s) CEN-60-12, CEN-60-15, CEN-60-20, CEN-60-24, CEN-60-30, CEN-60-36, CEN-60-42, CEN-60-48, CEN-60-54

**LED power supplies, Class 2 isolated, "CEN-75-Y Series"**, Model(s) CEN-75-15, CEN-75-20, CEN-75-24, CEN-75-30, CEN-75-36, CEN-75-42, CEN-75-48, CEN-75-54

**LED power supplies, Class 2 isolated**, Model(s) APC-12-z, where z may be 350 or 700 and APC-16-z where z may be 350, 350RA1 or 700.

APC-25-500 and APC-35-700

APV-y-z, where y may be 12 or 16 and z can be 5, 12, 15 or 24

APX-y-z, where x may be V or C; y may be 25 or 35 and z may be 5, 12, 15, 24, 36, 500, 700 or 1050

CEN-100-20, CEN-100-24, CEN-100-30, CEN-100-36, CEN-100-42, CEN-100-48, CEN-100-54

HLG-80H-XBL where X can be 12, 15, 20, 24, 30, 36 or 42

HLG-80H-XBL, where X can be 48 or 54

HLG-XH-YZ (for units with metal enclosure), where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42 and Z can be A, B, D, AB or blank

HLG-XH-YZ (for units with metal enclosure), where X may be 40 or 60, Y can be 48 or 54 and Z can be A, B, D, AB or blank.

HLN-XH-YZ (for units with plastic enclosure), where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42 and Z can be A, B or AB.

HLN-XH-YZ (for units with plastic enclosure), where X may be 40 or 60, Y can be 48 or 54 and Z can be A, B or AB.

HLP-XH-Y (for units without enclosure), where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42

HLP-XH-Y (for units without enclosure), where X may be 40 or 60, Y can be 48 or 54

HVG-100-XY-CZZZZ, where X may be 15, 20, 24, 30, 36, 42, 48 or 54 ; Y can be A, B or D and CZZZZ is optional, when provided, the ZZZZ may be substituted with a four-digit number that is between 0000 and the maximum as follows. When X is 15, 20, 24, 30 or 36, the corresponding maximum value for "ZZZZ" is 5000, 4800, 4000, 3200 or 2650 respectively

LPF-60-24LU, LPF-60-30LU

LPF-XY-ZQ, where X may be 40 or 60, Y may be blank or D; Q may be blank or LU ; and Z may be 12, 15, 20, 24, 30, 36 and 42

LPF-XY-ZQ, where X may be 40 or 60, Y may be blank or D; Q may be blank or LU ; and Z may be 48 and 54


**LED power supplies, Class 2 isolated with enclosure**, Model(s) PLN-20-12, PLN-20-18, PLN-20-24, PLN-20-36, PLN-20-48

**LED power supplies, Class 2 isolated without enclosure, Model(s) PLP-20-12, PLP-20-18, PLP-20-24, PLP-20-36, PLP-20-48**

Model No.	Supply Conn. Method	Input					Output					Env. Loc.	Type HL	Type TL	Tref max (°C)	Meas. Tref (°C)	
		Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type	Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type [a]						
<b>LPV-100-X, where X can be 5, 12, 15, 24, 36 or 48 for output voltage</b>																	
-	-	-	-	-	-	Isolated Circuit	-	-	-	-	-	-	-	-	-	-	-
<b>LPV-150-Y Series, where Y can be 12, 15, 24, 36 or 48 for output voltage</b>																	
-	-	-	-	-	-	Isolated Circuit	-	-	-	-	-	-	-	-	-	-	-

[a] Identifies if the product itself has isolation between input and output based on the requirements of the standard. Output type (Non-isolated, Isolated, Class 2, LED Class 2) is designated based on the requirements that have been applied.

- # - Z can be A, B, D or blank
- \$ - X can be D or blank
- & - Y = 12,15,20,24,30,36,42,48,54
- (%) - W here Z can be blank, A, B or AB
- (>) - where X may be 40 or 60 and Y may be blank or DA.
- (?) - W here X may be 24, 36, 48 or 60 and Y may be A, B, AB or blank.
- (@) - where X may be 350 or 700 and Y can be A, B, AB or D.
- \* - W here Z can be blank, A or B
- + - W here Z can be blank, A, B or C.
- = - W here Y may be A, B, AB, E or blank.
- ~ - W here X may be 24, 36 or 48 and Y may be A, B, E or blank.

Marking: Company name, model designation, and the Recognized Component Mark, .  
 Last Updated on 2014-11-11

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## FKSZ8.E334687 Drivers for Light-emitting-diode Arrays, Modules and Controllers Certified for Canada - Component

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### Drivers for Light-emitting-diode Arrays, Modules and Controllers Certified for Canada - Component

[See General Information for Drivers for Light-emitting-diode Arrays, Modules and Controllers Certified for Canada - Component](#)**MEAN WELL ENTERPRISES CO LTD**

E334687

28 W UQUAN 3RD RD WUGU DIST  
NEW TAPEI, 248 TAIWAN

**Isolated Class 2 LED Power Supplies**, Model(s) HLG-80H-YZ (for units with metal enclosure), where Y can be 12, 15, 20, 24, 30, 36, 42, 48, 54 and Z can be A, B, D, AB or blank.

HLN-80H-YZ (for units with plastic enclosure), where Y can be 12, 15, 20, 24, 30, 36, 42, 48, 54 and Z can be A, B or AB.

HLP-80H-Y (for units without enclosure), Y can be 12, 15, 20, 24, 30, 36, 42, 48 and 54

HLP-80H-Y (for units without enclosure), Y can be 12, 15, 20, 24, 30, 36, 42, 48, or 54.

LPF-90X-Y, where Y can be 15, 20, 24, 30, 36, 42

LPF-xy-zw series, where x may be 16 or 25; y may be Blank or D; z may be 12, 15, 20, 24, 30, 36, 42, 48 or 54 and w may be P or blank.

PCD-16-yz, y can be 700, 1050, 1400 and z may be A or B.

PCD-25-yz, y can be 1050, 1400 and z may be A or B.

PLD-16-yz, y can be 700, 1050, 1400 and z may be A or B.

PLD-25-y, y can be 1050, 1400 and z may be A or B.

PLP-X-Y, where X can be 30, 45 or 60 and Y can be 12 or 24

**Isolated Class 2 output, LED Drivers**, Model(s) LCM-25X, where X may be blank or DA

**Isolated LED Drivers Other Than Class 2**, Model(s) HVG-65-YX-CZZZ, where X may be A, B, D or AB, Y may be 12, 15, 20, 24, 30, 36, 42, 48 and 54, and CZZZ is optional, when provided, the ZZZZ may be substituted with a four-digit number that is between 0000 and the maximum number as follows. When YY is 12, 15, 20, 24, 30, 36, 42, 48 or 54, the corresponding maximum value for "ZZZZ" is 5000, 4300, 3250, 2710, 2170, 1810, 1550, 1360 or 1210.

HVGC-65-XY, where X may be 350, 500, 700, 1050; Y can be A, B, AB or D

**LED Drivers Other Than Class 2**, Model(s) HLG-120H-CXY Series, where X may be 350, 500, 700, 1050 or 1400 and Y can be A, B, AB or D

HLG-185H-CXY Series, where X may be 500, 700, 1050 or 1400 and Y can be A, B, AB or D.

HLG-80H-CXY(@), LCM-XY (>)

**LED Drivers Other Than Class 2 with isolated output**, Model(s) HBG-100-60Y=

HBG-160-XY, where X may be 24, 36, 48 or 60 and Y may be A, B, AB, E or blank.

HBG-240-XY(?)

**LED drivers, Class 2 isolated output, "HLG-100-YZ Series"**, Model(s) HLG-100-20Z\*, HLG-100-24Z\*, HLG-100-30Z\*, HLG-100-36Z\*, HLG-100-42Z\*, HLG-100-48Z\*, HLG-100-54Z\*

**LED drivers, Class 2 isolated output, "HLG-100H-YZ Series"**, Model(s) HLG-100H-20Z(%), HLG-100H-24Z(%), HLG-100H-30Z(%), HLG-100H-36Z(%), HLG-100H-42Z(%), HLG-100H-48Z(%), HLG-100H-54Z(%)

**LED drivers, Class 2 isolated output**, Model(s) NPF/PW M-XY-Z series, where X can be 40 or 60 and where Y can be blank or D and where Z can be 12, 15, 20, 24, 30, 36, 42, 48 or 54

PLM-12-X where X may be 350, 500, 700, 1050, PLM-25-Y where Y may be 500, 700, 1050

**LED drivers, Class 2 isolated output with glue**, Model(s) CLG-100-12, CLG-100-15, CLG-100-20, CLG-100-24, CLG-100-24DLU, CLG-100-24LU, CLG-100-27, CLG-100-36

**LED drivers, Class 2 isolated output with potting compound**, Model(s) CLG-60-12, CLG-60-15, CLG-60-20, CLG-60-24, CLG-60-27, CLG-60-36

**LED drivers, Class 2 isolated output without glue**, Model(s) CLN-100-12, CLN-100-15, CLN-100-20, CLN-100-24, CLN-100-27, CLN-100-36, PLN-100-12, PLN-100-15, PLN-100-20, PLN-100-24, PLN-100-27, PLN-100-36

**LED drivers, Class 2 isolated output without potting compound**, Model(s) CLN-60-12, CLN-60-15, CLN-60-20, CLN-60-24, CLN-60-27, CLN-60-36, PLN-45-12, PLN-45-15, PLN-45-20, PLN-45-24, PLN-45-27, PLN-45-36, PLN-60-12, PLN-60-15, PLN-60-20, PLN-60-24, PLN-60-27, PLN-60-36

**LED Drivers, Isolated Class 2 LED Power Supplies**, Model(s) NPF-90X-Y, where X may be blank or D, Y may be 20, 24, 30, 36, 42, 48 or 54; PWM-90-Z, where Z may be 24, 36 or 48

**LED Drivers, Isolated Class 2 output**, Model(s) and PLM-25-Y where Y may be 500, 700, 1050

**LED Drivers, Isolated output**, Model(s) HLG-600H-XY, where X can be 12, 15, 20, 24, 30, 36, 42, 48 or 54 for output voltage and where Y can be blank, A, B or AB.

**LED Drivers, LVLE with isolated output**, Model(s) HBG-100-XY~

**LED drivers, other than Class 2, "HLG-120-XZ Series"**, Model(s) HLG-120-12Z\*, HLG-120-15Z\*, HLG-120-20Z\*, HLG-120-24Z\*, HLG-120-30Z\*, HLG-120-36Z\*, HLG-120-42Z\*, HLG-120-48Z\*, HLG-120-54Z\*

**LED drivers, other than Class 2, "HLG-120H-XZ Series"**, Model(s) HLG-120H-12Z(%), HLG-120H-15Z(%), HLG-120H-20Z(%), HLG-120H-24Z(%), HLG-120H-30Z(%), HLG-120H-36Z(%), HLG-120H-42Z(%), HLG-120H-48Z(%), HLG-120H-54Z(%)

**LED drivers, other than Class 2**, Model(s) HLG-60H-CXY, where X may be 350 or 700 and Y can be A, B, AB or D.

**LED Drivers, Other than Class 2 with isolated output**, Model(s) PLM-40-X, where X may be 350, 500, 700

PWM-90-12, NPF-90X-Y; where X may be blank or D, Y may be 12 or 15

**LED drivers, other than Class 2, Isolated output, "HLG-150-YZ Series"**, Model(s) HLG-150-12Z\*, HLG-150-15Z\*, HLG-150-20Z\*, HLG-150-24Z\*, HLG-150-30Z\*, HLG-150-36Z\*, HLG-150-42Z\*, HLG-150-48Z\*, HLG-150-54Z\*

**LED drivers, other than Class 2, Isolated output, "HLG-150H-YZ Series"**, Model(s) HLG-150H-12Z(%), HLG-150H-15Z(%), HLG-150H-20Z(%), HLG-150H-24Z(%), HLG-150H-30Z(%), HLG-150H-36Z(%), HLG-150H-42Z(%), HLG-150H-48Z(%), HLG-150H-54Z(%)

**LED drivers, other than Class 2, Isolated output, "HLG-185-YZ Series"**, Model(s) HLG-185-12Z\*, HLG-185-15Z\*, HLG-185-20Z\*, HLG-185-24Z\*, HLG-185-30Z\*, HLG-185-36Z\*, HLG-185-42Z\*, HLG-185-48Z\*, HLG-185-54Z\*

**LED drivers, other than Class 2, Isolated output, "HLG-185H-YZ Series"**, Model(s) HLG-185H-12Z(%), HLG-185H-15Z(%), HLG-185H-20Z(%), HLG-185H-24Z(%), HLG-185H-30Z(%), HLG-185H-36Z(%), HLG-185H-42Z(%), HLG-185H-48Z(%), HLG-185H-54Z(%)

**LED drivers, other than Class 2, Isolated output**, Model(s) HLG-240-12Z+, HLG-240-15Z+, HLG-240-20Z+, HLG-240-24Z+, HLG-240-30Z+, HLG-240-36Z+, HLG-240-42Z+, HLG-240-48Z+, HLG-240-54Z+, HLG-240H-12Z+, HLG-240H-15Z+, HLG-240H-20Z+, HLG-240H-24Z+, HLG-240H-30Z+, HLG-240H-36Z+, HLG-240H-42Z+, HLG-240H-48Z+, HLG-240H-54Z+

HLG-320H-YZ&# where Z shall be A,B,C,D, or blank

HVG-150-XY, where X may be 12, 15, 20, 24, 30, 36, 42, 48 or 54 and Y may be A, B, D or AB. Models: HVGC-150-XY, where X may be 350, 500, 700, 1050 or 1400 and Y may be A, B, D or AB.

**LED Drivers, with isolated output (LVLE)**, Model(s) PLM-25-350, PLM-40-X, where X may be 1050, 1400, 1750

**LED drives other than Class 2**, Model(s) CLG-150-12, CLG-150-12A, CLG-150-12B, CLG-150-12C, CLG-150-15, CLG-150-15A, CLG-150-15B, CLG-150-15C, CLG-150-20, CLG-150-20A, CLG-150-20B, CLG-150-20C, CLG-150-24, CLG-150-24A, CLG-150-24B, CLG-150-24C, CLG-150-30, CLG-150-30A, CLG-150-30B, CLG-150-30C, CLG-150-36, CLG-150-36A, CLG-150-36B, CLG-150-36C, CLG-150-48, CLG-150-48A, CLG-150-48B, CLG-150-48C

HVGC-100-XY, where X may be 350 or 700 and Y can be A, B or D or AB.

**LED power supplies, Class 2 isolated, "CEN-60-Y Series"**, Model(s) CEN-60-12, CEN-60-15, CEN-60-20, CEN-60-24, CEN-60-30, CEN-60-36, CEN-60-42, CEN-60-48, CEN-60-54

**LED power supplies, Class 2 isolated, "CEN-75-Y Series"**, Model(s) CEN-75-15, CEN-75-20, CEN-75-24, CEN-75-30, CEN-75-36, CEN-75-42, CEN-75-48, CEN-75-54

**LED power supplies, Class 2 isolated**, Model(s) APC-12-z, where z may be 350 or 700 and APC-16-z where z may be 350, 350RA1 or 700.

APV-y-z, where y may be 12 or 16 and z can be 5, 12, 15 or 24

APx-y-z, where x may be V or C; y may be 25 or 35 and z may be 5, 12, 15, 24, 36, 500, 700 or 1050

CEN-100-20, CEN-100-24, CEN-100-30, CEN-100-36, CEN-100-42

HLG-80H-XBL where X can be 12, 15, 20, 24, 30, 36 or 42

HLG-XH-YZ (for units with metal enclosure), where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42 and Z can be A, B, D, AB or blank

HLN-XH-YZ (for units with plastic enclosure), where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42 and Z can be A, B or AB.

HLP-XH-Y (for units without enclosure), where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42

HVG-100-XY-CZZZZ, where X may be 15, 20, 24, 30, 36, 42, 48 or 54; Y can be A, B or D and CZZZZ is optional, when provided, the ZZZZ may be substituted with a four-digit number that is between 0000 and the maximum as follows. When X is 15, 20, 24, 30 or 36, the corresponding maximum value for "ZZZZ" is 5000, 4800, 4000, 3200 or 2650 respectively

LPF-60-24LU, LPF-60-30LU

LPF-XY-ZQ, where X may be 40 or 60, Y may be blank or D; Q may be blank or LU; and Z may be 12, 15, 20, 24, 30, 36 and 42

**LED power supplies, Class 2 isolated with enclosure**, Model(s) PLN-20-12, PLN-20-18, PLN-20-24, PLN-20-36, PLN-20-48

**LED power supplies, Class 2 isolated without enclosure**, Model(s) PLP-20-12, PLP-20-18, PLP-20-24, PLP-20-36, PLP-20-48

Model No.	Supply Conn. Method	Input					Output					Env. Loc.
		Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type	Volts (V)	Freq (Hz)	Power (W)	Amps (A)	Type [a]	
<b>LPV-100-X, where X can be 5, 12, 15, 24, 36 or 48 for output voltage</b>												
	-	-	-	-	-	Isolated Circuit	-	-	-	-	-	-
<b>LPV-150-Y Series, where Y can be 12, 15, 24, 36 or 48 for output voltage</b>												
	-	-	-	-	-	Isolated Circuit	-	-	-	-	-	-

[a] Identifies if the product itself has isolation between input and output based on the requirements of the standard. Output type (Non-isolated, Isolated, Class 2, LED Class 2) is designated based on the requirements that have been applied.

# - Z can be A, B, D or blank

& - Y = 12,15,20,24,30,36,42,48,54

(% ) - Where Z can be blank, A, B or AB

(> ) - where X may be 40 or 60 and Y may be blank or DA.

(?) - Where X may be 24, 36, 48 or 60 and Y may be A, B, AB or blank.

(@ ) - where X may be 350 or 700 and Y can be A, B, AB or D.


\* - Where Z can be blank, A or B

+ - Where Z can be blank, A, B or C.

= - Where Y may be A, B, AB, E or blank.

~ - Where X may be 24, 36 or 48 and Y may be A, B, E or blank.



Marking: Company name, model designation and the Recognized Component Mark for Canada, .  
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