



FKSZ2.E334687

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

[Page Bottom](#)

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) 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-16-350z, where z may be A or B.

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

PCD-25-500AZT

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

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

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

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

PLD-25-y, where y can be 1050 or 1400., PLD-25-y, where y can be 350 or 700.

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

Isolated Class 2 LED Power Supplies, for units with plastic enclosure, Model(s) HLN-80H-YZ, where Y can be 12, 15, 20, 24, 30, 36, 42, 48, 54 and Z can be A, B or AB.**Isolated Class 2 LED Power Supplies, for units without enclosure**, Model(s) HLP-80H-Y, where Y can be 12, 15, 20, 24, 30, 36, 42, 48 or 54.**Isolated Class 2 output, LED Drivers**, Model(s) LCM-25X, where X may be blank or DA., PLM-25-1050, PLM-25-700**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.

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, "HLG-120H-CXY Series", Model(s) HLG-120H-CXY, where X may be 350, 500, 700, 1050 or 1400 and Y can be A, B, AB or D**LED Drivers other than Class 2, "HLG-185H-CXY Series"**, Model(s) HLG-185H-CXY, where X may be 500, 700, 1050 or 1400 and Y can be A, B, AB or D.**LED Drivers other than Class 2**, Model(s) HLG-80H-CXY, where X = 350 or 700 and Y = A, B, AB or D.

HLG-80H-CXY, where X may be 350 or 700 and Y can be A, B, AB or D.

LCM-XY, where X may be 40 or 60 and Y may be blank or DA.

LPV-150-Y Series, where Y can be 12, 15, 24, 36 or 48 for output voltage.

LED Drivers other than Class 2 with isolated output, Model(s) HBG-240-XY, where X may be 24, 36, 48 or 60 and Y may be A, B, AB or blank.**LED Drivers Other Than Class 2 with isolated output**, Model(s) LED Drivers, with isolated output, models: ELG-150-CXY, X may be 500, 700, 1050 or 1400. Y may be blank, A, B, D, AB, AD2, ADA, D2 or DA for marketing purposes only.**LED drivers, Class 2 isolated output, "NPF/PWM-XY-Z Series"**, Model(s) NPF/PWM-XY-Z, 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.**LED drivers, Class 2 isolated output**, Model(s) PLM-12-X, where X may be 350, 500, 700 or 1050.

PLM-25-Y, where Y may be 500, 700 or 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, PLM-25-500**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 output**, Model(s) LPVL-150-12, LPVL-150-24**LED Drivers, LED Drivers, Other than Class 2 with isolated output**, Model(s) LED Drivers Other Than Class 2 LED with isolated output Power Supplies, Models: NPF-120X-Y, X may be blank or D, Y may be 12, 15, 20, 24, 30, 36, 42, 48 or 54; PWM-120-Z, Z may be 12, 24, 36 or 48**LED Drivers, LVLE with isolated output**, Model(s) HBG-100-48YP (a), HBG-100-54Y (a), HBG-100-54YP (a)**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) NPF-90X-Y, where X may be blank or D, and Y may be 12 or 15.

PLM-40-X, where X may be 350, 500 or 700., PW M-90-12

LED Drivers, with isolated output (LVLE), Model(s) PLM-25-350, PLM-40-X, where X may be 1050, 1400 or 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-12-350, APC-12-700, APC-16-350, APC-16-350RA1, APC-16-700, APC-25-500, 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.

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

LED power supplies, Class 2 isolated, Model(s) HLG-80H-XBL, where X can be 48 or 54.

LED power supplies, Class 2 isolated, for units with metal enclosure, Model(s) HLG-XH-YZ, 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, where X may be 40 or 60, Y can be 48 or 54 and Z can be A, B, D, AB or blank.

LED power supplies, Class 2 isolated, for units with plastic enclosure, Model(s) HLN-XH-YZ, 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, where X may be 40 or 60, Y can be 48 or 54 and Z can be A, B or AB.

LED power supplies, Class 2 isolated, for units without enclosure, Model(s) HLP-XH-Y, where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42.

HLP-XH-Y, where X may be 40 or 60, Y can be 48 or 54.

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]					
"HBG-60-XY Series"																
HBG-60-XY, where X can be 1050, 1400 or 2100 and where Y can be blank or P.																
	Leads	100-277Vac	50-60	-	-	Non-isolated	-	-	-	-		Damp	-	-	-	-
"HLG-100-YZ Series"																
HLG-100-20Z*	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100-24Z*	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100-30Z*	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100-36Z*	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100-42Z*	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100-48Z*	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100-54Z*	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
"HLG-100H-YZ Series"																
HLG-100H-20Z (%)	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100H-24Z (%)	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100H-30Z (%)	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100H-36Z (%)	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100H-42Z (%)	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100H-48Z (%)	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
HLG-100H-54Z (%)	Other	-	-	-	-	-	-	-	-	-		Wet	Y	-	-	-
"HLG-120-XZ Series"																

HLG-120-12Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-15Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-20Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-24Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-30Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-36Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-42Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-48Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120-54Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
"HLG-120H-XZ Series"																
HLG-120H-12Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-15Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-20Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-24Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-30Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-36Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-42Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-48Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-120H-54Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
"HLG-150-YZ Series"																
HLG-150-12Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-15Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-20Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-24Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-30Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-36Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-42Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-48Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150-54Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
"HLG-150H-YZ Series"																
HLG-150H-12Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-15Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-20Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-24Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-30Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-36Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-42Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-48Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-150H-54Z (%)	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
"HLG-185-YZ Series"																
HLG-185-12Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185-15Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185-20Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185-24Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-

HLG-185-30Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185-36Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185-42Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185-48Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185-54Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
"HLG-185H-YZ Series"																	
HLG-185H-12Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-15Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-20Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-24Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-30Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-36Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-42Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-48Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-185H-54Z (%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
ELG-150-Cxy and ELG-150-zy series, where x can be 1750 or 2100, where y can be blank, A, B, AB, D, D2, DA, ADA or AD2 and where z can be 12, 24, 36, 42, 48 or 54.																	
	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	-	-	-	-
HBG-100-60Y, where Y may be A, B, AB, E or blank.																	
	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HBG-100-XP (a)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HBG-100-XY (a)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HBG-160-XY, where X may be 24, 36, 48 or 60 and Y may be A, B, AB, E or blank.																	
	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-12Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-15Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-20Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-24Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-30Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-36Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-42Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-48Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240-54Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-12Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-15Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-20Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-24Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-30Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-36Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-42Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-48Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-240H-54Z+	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-320H-YZ, where Y = 12, 15, 20, 24, 30, 36, 42, 48 or 54 and Z = A, B, C, D or blank.																	
	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
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.																	
	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-
HLG-80H-YZ, where Y can be 12, 15, 20, 24, 30, 36, 42, 48, 54 and Z can be A, B, D, AB or blank.																	
	Other	-	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-	-

HVG-100-XY-CZZZ, where X may be 15, 20, 24, 30, 36, 42, 48 or 54 ; Y can be A, B or D and CZZZ 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.															
	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-
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.															
	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-
LPF-90X-Y, where X can be D or blank and Y can be 15, 20, 24, 30, 36, 42, 48, and 54.															
	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-
LPF-90X-Y, where Y can be 15, 20, 24, 30, 36, 42.															
	Other	-	-	-	-	-	-	-	-	-	-	Wet	Y	-	-
LPV-100-X, where X can be 5, 12, 15, 24, 36 or 48 for output voltage															
	-	-	-	-	-	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.

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

(a) - Where X may be 24, 36, 48 or 54 and Y may be A, B, AB, E or blank.

* - Where Z can be blank, A or B

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

Marking: Company name, model designation, and the Recognized Component Mark, .
Last Updated on 2015-07-15

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2015 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-modifying manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following form at: "© 2015 UL LLC".



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

[Page Bottom](#)

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) 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, where y can be 700, 1050, 1400 and z may be A or B.

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

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

PLD-25-y, where y can be 1050 or 1400.

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

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

Isolated Class 2 LED Power Supplies, for units without enclosure, Model(s) HLP-80H-Y, where Y can be 12, 15, 20, 24, 30, 36, 42, 48 or 54.

Isolated Class 2 output, LED Drivers, Model(s) LCM-25X, where X may be blank or DA., PLM-25-1050, PLM-25-700

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, "HLG-120H-CXY Series", Model(s) HLG-120H-CXY, where X may be 350, 500, 700, 1050 or 1400 and Y can be A, B, AB or D.

LED Drivers other than Class 2, "HLG-185H-CXY Series", Model(s) HLG-185H-CXY, where X may be 500, 700, 1050 or 1400 and Y can be A, B, AB or D.

LED Drivers other than Class 2, Model(s) HLG-80H-CXY, where X = 350 or 700 and Y = A, B, AB or D.

HLG-80H-CXY, where X may be 350 or 700 and Y can be A, B, AB or D.

LCM-XY, where X may be 40 or 60 and Y may be blank or DA.

LPV-150-Y Series, where Y can be 12, 15, 24, 36 or 48 for output voltage.

LED Drivers other than Class 2 with isolated output, Model(s) HBG-240-XY, where X may be 24, 36, 48 or 60 and Y may be A, B, AB or blank.

LED Drivers Other Than Class 2 with isolated output, Model(s) LED Drivers, with isolated output, models: ELG-150-CXY, X may be 500, 700, 1050 or 1400. Y may be blank, A, B, D, AB, AD2, ADA, D2 or DA for marketing purposes only.

LED drivers, Class 2 isolated output, "NPF/PWM-XY-Z Series", Model(s) NPF/PWM-XY-Z, 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.

LED drivers, Class 2 isolated output, Model(s) PLM-12-X, where X may be 350, 500, 700 or 1050.

PLM-25-Y, where Y may be 500, 700 or 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, PLM-25-500

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 output, Model(s) LPVL-150-12, LPVL-150-24

LED Drivers, LED Drivers, Other than Class 2 with isolated output, Model(s) LED Drivers Other Than Class 2 LED with isolated output Power Supplies, Model(s): NPF-120X-Y, X may be blank or D, Y may be 12, 15, 20, 24, 30, 36, 42, 48 or 54; PWM-120-Z, Z may be 12, 24, 36 or 48

LED Drivers, LVLE with isolated output, Model(s) HBG-100-48YP (a), HBG-100-54Y (a), HBG-100-54YP (a)

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) NPF-90X-Y, where X may be blank or D, and Y may be 12 or 15.

PLM-40-X, where X may be 350, 500 or 700., PWM-90-12

LED Drivers, with isolated output (LVLE), Model(s) PLM-25-350, PLM-40-X, where X may be 1050, 1400 or 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-150-20C, 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-12-350, APC-12-700, APC-16-350, APC-16-350RA1, APC-16-700

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.

LFP-60-24LU, LFP-60-30LU

LFP-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

LED power supplies, Class 2 isolated, for units with metal enclosure, Model(s) HLG-XH-YZ, 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.

LED power supplies, Class 2 isolated, for units with plastic enclosure, Model(s) HLN-XH-YZ, 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.

LED power supplies, Class 2 isolated, for units without enclosure, Model(s) HLP-XH-Y, where X may be 40 or 60, Y can be 12, 15, 20, 24, 30, 36, 42.

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]	
"HBG-60-XY Series"												
HBG-60-XY, where X can be 1050, 1400 or 2100 and where Y can be blank or P.												
	Leads	100-277Vac	50-60	-	-	Non-isolated	-	-	-	-		Damp
"HLG-100-YZ Series"												
HLG-100-20Z*	Other	-	-	-	-	-	-	-	-	-		Wet
HLG-100-24Z*	Other	-	-	-	-	-	-	-	-	-		Wet
HLG-100-30Z*	Other	-	-	-	-	-	-	-	-	-		Wet
HLG-100-36Z*	Other	-	-	-	-	-	-	-	-	-		Wet
HLG-100-42Z*	Other	-	-	-	-	-	-	-	-	-		Wet
HLG-100-48Z*	Other	-	-	-	-	-	-	-	-	-		Wet
HLG-100-54Z*	Other	-	-	-	-	-	-	-	-	-		Wet
"HLG-100H-YZ Series"												

HLG-100H-20Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-100H-24Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-100H-30Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-100H-36Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-100H-42Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-100H-48Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-100H-54Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
"HLG-120-XZ Series"												
HLG-120-12Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-15Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-20Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-24Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-30Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-36Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-42Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-48Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120-54Z*	Other	-	-	-	-	-	-	-	-	-	-	Wet
"HLG-120H-XZ Series"												
HLG-120H-12Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120H-15Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120H-20Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120H-24Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120H-30Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120H-36Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120H-42Z(%)	Other	-	-	-	-	-	-	-	-	-	-	Wet

HLG-120H-48Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-120H-54Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
"HLG-150-YZ Series"													
HLG-150-12Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-15Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-20Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-24Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-30Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-36Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-42Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-48Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150-54Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
"HLG-150H-YZ Series"													
HLG-150H-12Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-15Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-20Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-24Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-30Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-36Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-42Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-48Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-150H-54Z(%)	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
"HLG-185-YZ Series"													
HLG-185-12Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
HLG-185-15Z*	Other	-	-	-	-	-	-	-	-	-	-	-	Wet
	Other	-	-	-	-	-	-	-	-	-	-	-	Wet

HLG-185-20Z*													
HLG-185-24Z*	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185-30Z*	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185-36Z*	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185-42Z*	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185-48Z*	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185-54Z*	Other	-	-	-	-	-	-	-	-	-	-		Wet
"HLG-185H-YZ Series"													
HLG-185H-12Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-15Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-20Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-24Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-30Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-36Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-42Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-48Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-185H-54Z(%)	Other	-	-	-	-	-	-	-	-	-	-		Wet
ELG-150-Cxy and ELG-150-zy series, where x can be 1750 or 2100, where y can be blank, A, B, AB, D, D2, DA, ADA or AD2 and where z can be 12, 24, 36, 42, 48 or 54.													
	Other	-	-	-	-	-	-	-	-	-	-		Wet
HBG-100-60Y, where Y may be A, B, AB, E or blank.													
	Other	-	-	-	-	-	-	-	-	-	-		Wet
HBG-100-XP (a)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HBG-100-XY (a)	Other	-	-	-	-	-	-	-	-	-	-		Wet
HBG-160-XY, where X may be 24, 36, 48 or 60 and Y may be A, B, AB, E or blank.													
	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-240-12Z+	Other	-	-	-	-	-	-	-	-	-	-		Wet
HLG-240-15Z+	Other	-	-	-	-	-	-	-	-	-	-		Wet

HLG-240-20Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240-24Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240-30Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240-36Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240-42Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240-48Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240-54Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-12Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-15Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-20Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-24Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-30Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-36Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-42Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-48Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-240H-54Z+	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-320H-YZ, where Y = 12, 15, 20, 24, 30, 36, 42, 48 or 54 and Z = A, B, C, D or blank.												
	Other	-	-	-	-	-	-	-	-	-	-	Wet
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.												
	Other	-	-	-	-	-	-	-	-	-	-	Wet
HLG-80H-YZ, where Y can be 12, 15, 20, 24, 30, 36, 42, 48, 54 and Z can be A, B, D, AB or blank.												
	Other	-	-	-	-	-	-	-	-	-	-	Wet
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.												
	Other	-	-	-	-	-	-	-	-	-	-	Wet
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.												
	Other	-	-	-	-	-	-	-	-	-	-	Wet
LPF-90X-Y, where Y can be 15, 20, 24, 30, 36, 42.												
	Other	-	-	-	-	-	-	-	-	-	-	Wet
LPV-100-X, where X can be 5, 12, 15, 24, 36 or 48 for output voltage												

	-	-	-	-	-	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.

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

(a) - W here X may be 24, 36, 48 or 54 and Y may be A, B, AB, E or blank.

* - W here Z can be blank, A or B

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



Marking: Company name, model designation and the Recognized Component Mark for Canada, **UL**.
Last Updated on 2015-07-15

[Questions?](#)

[Print this page](#)

[Terms of Use](#)

[Page Top](#)

© 2015 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2015 UL LLC".