Watran USA

LED DRIVERS

DMX512 DIMMING CONTROL

www.lightingandpowertech.com

LPT Group

AC-DMX series

AC INPUT DMX512 DIMMING CONTROL LED DRIVERS

Input : 100~277VAC *32~300W Iron case*

Product Feature

- Control mode:DMX512
- Output type: Constant current output.
- Input with anti-surge function, protection from hot-swappable.
- Intelligent protection of temperature ,super heat sink current.
- Automatic identification of load vf value.
- With feedback function, ease to repaire (RDM).
- Support 1-10V/PWM dimming function.
- Automatic set the address.
- Apple to indoor and outdoor lighting fixtures.

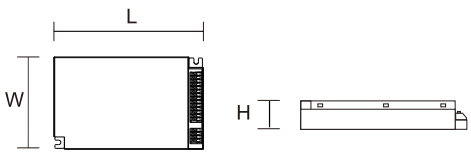
Implementation Standards

Withstand Voltage	I/P-O/P:3.75KVAC.60s ; I/P-FG:1.875KVAC.60s ; O/P-FG:1.875KVAC.60s.
Surge Protection	EN61000-4-5
Performance/Safety	GB19510.1/IEC61347-1 ; GB19510.14/IEC61347-2-13 ; GB/T24825/IEC62384.
EMC	GB17625. 1/IEM61000-3-2 ; GB17743/CISPR15

Case: C17

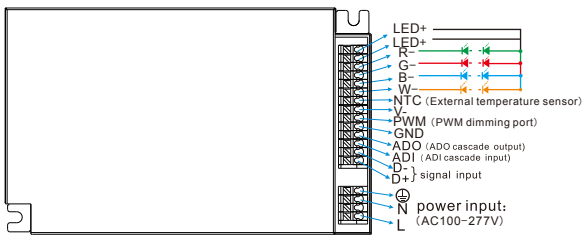
Internally Mounted Type

Power	32W
Anti Surge	6KV
Material	Iron Case
Output Wire	Terminal
Ta	-40℃~50℃
Tc	80℃
Service Life	50000h@Ta



Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
8Wx4	HQLPA8x4/123/1050MRP/C17E2	4	100~277VAC	12~40V	350~1050mA	±5%	⩾80%	100x70x30	CCC CE	-	-

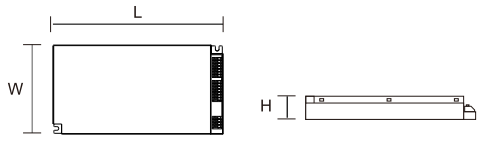
Connection port explain:



Case: C7

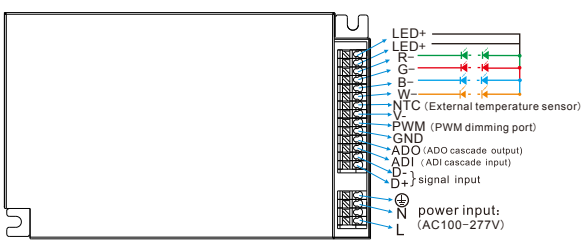
Internally Mounted Type

Power	60W
Anti Surge	6KV
Material	Iron Case
Output Wire	Terminal
Ta	-40℃~50℃
Tc	80℃
Service Life	50000h@Ta



Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
15Wx4	HQLPA15×4/123/4200MRP/C7E2	4	100~277VAC	3~14V	2100~4200mA	±5%	⩾80%	130x70x30	CCC CE	-	-
15Wx4	HQLPA15×4/123/2100MRP/C7E2-1	4	100~277VAC	14~40V	300~2100mA	±5%	⩾80%	130x70x30	CCC CE	-	-

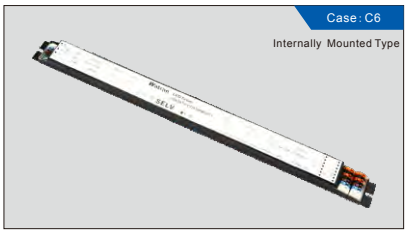
Connection port explain:



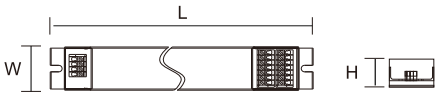
AC-DMX series

AC INPUT DMX512 DIMMING CONTROL LED DRIVERS

Input : 100~277VAC *60~160W ron case*

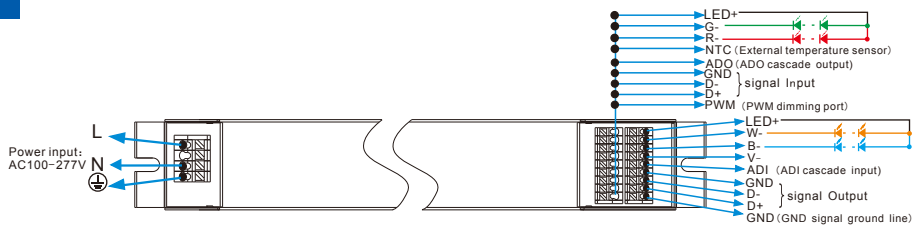


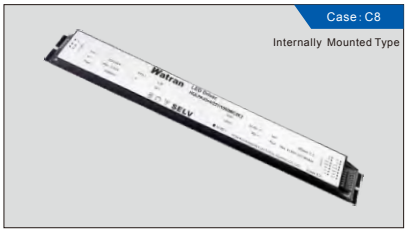
Power	60W
Anti Surge	6KV
Material	Iron Case
Output Wire	Terminal
Ta	-40℃~50℃
Tc	80℃
Service Life	50000h@Ta



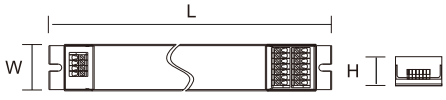
Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
15Wx4	HQLPA15x4/123/2100MRP/C6E2	4	100~277VAC	12~40V	300~2100mA	±5%	⩾80%	425x30x21	CCC CE	570g	-

Connection port explain:



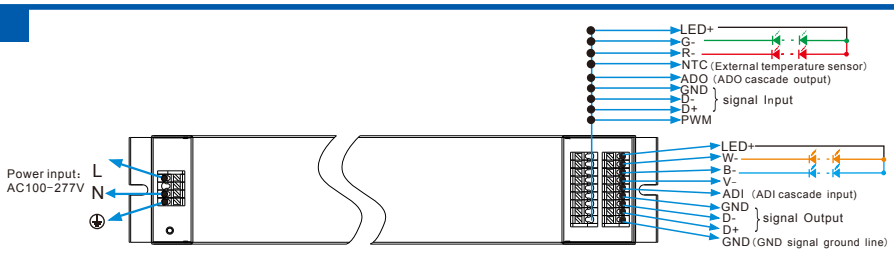


Power	160W
Anti Surge	6KV
Material	Iron Case
Output Wire	Terminal
Ta	-40℃~50℃
Tc	80℃
Service Life	50000h@Ta



Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
40Wx4	HQLPA40x4/123/2100MRP/C8E2	4	100~277VAC	12~40V	300~2100mA	±5%	⩾80%	464x48x30	CCC CE	1072g	-

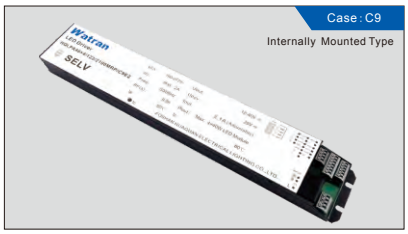
Connection port explain:



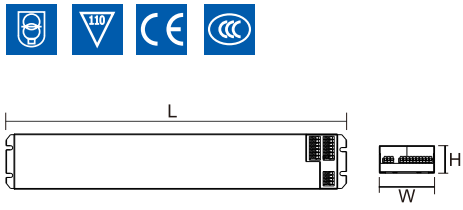
AC-DMX series

AC INPUT DMX512 DIMMING CONTROL LED DRIVERS

Input : 100~277VAC *160W* *Iron case*

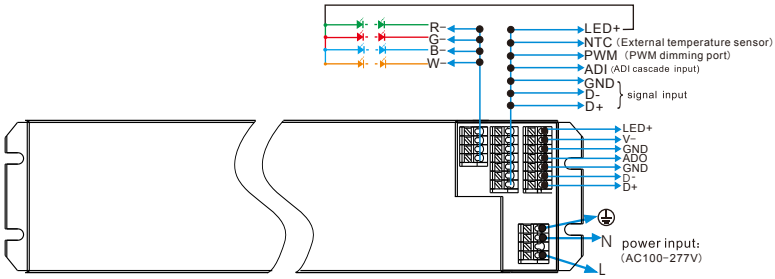


Power	160W
Anti Surge	6KV
Material	Iron Case
Output Wire	Terminal
Ta	-40℃~50℃
Tc	80℃
Service Life	50000h@Ta

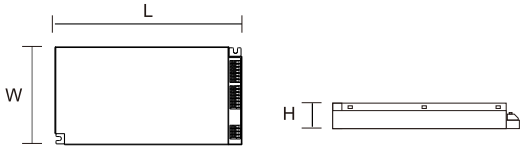


Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
40Wx4	HQLPA40x4/123/2100MRP/C9E2	4	100~277VAC	12~40V	300~2100mA	±5%	⩾80%	370x60x30	CCC CE	-	-

Connection port explain:

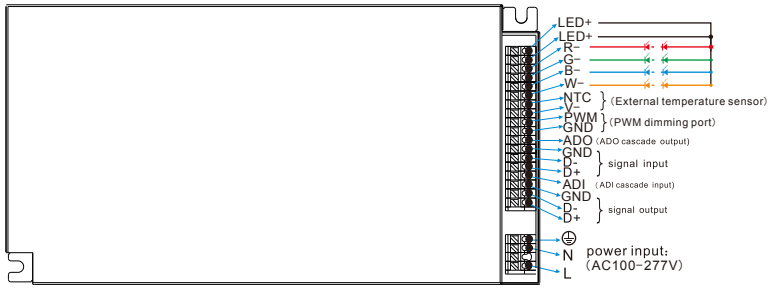


Power	160W
Anti Surge	6KV
Material	Iron Case
Output Wire	Terminal
Ta	-40℃~50℃
Tc	80℃
Service Life	50000h@Ta



Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
40Wx4	HQLPA40x4/123/2100MRP/C11E2	4	100~277VAC	12~40V	300~2100mA	±5%	⩾80%	210x110x30	CCC CE	-	-

Connection port explain:

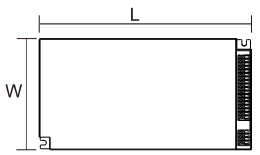


AC-DMX series

AC INPUT DMX512 DIMMING CONTROL LED DRIVERS

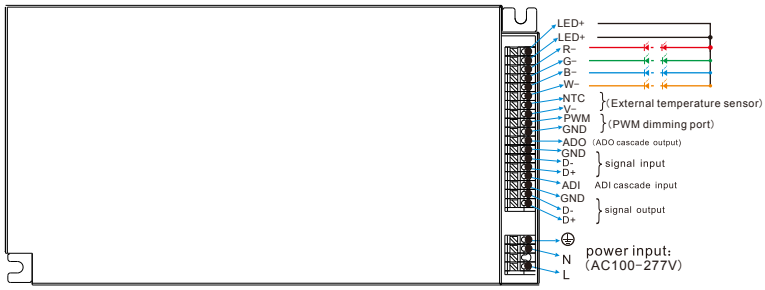
Input : 100~277VAC *300W Iron case*

Power	300W
Anti Surge	6KV
Material	Iron Case
Output Wire	Terminal
Ta	-40℃~50℃
Tc	80℃
Service Life	50000h@Ta



Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
75Wx4	HQLPA75x4/123/3000MRP/C12E2	4	100~277VAC	12~40V	1000~3000mA	±5%	⩾80%	320x117x50	CCC CE	-	-

Connection port explain:



DC-DMX series

DC INPUT DMX512 DIMMING CONTROL LED DRIVERS

Input : 24VDC *12~54W Aluminum case* IP67

Product Feature

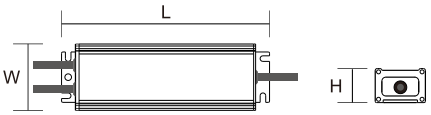
- Control mode:DMX512
- Output type: Constant current output.
- Communication with repost function.
- Input with anti-surge function, protection from hot-swappable.
- Intelligent protection of temperature ,super heat sink current.
- Input protect from damage of misconnection.
- Apple to indoor and outdoor lighting fixtures.

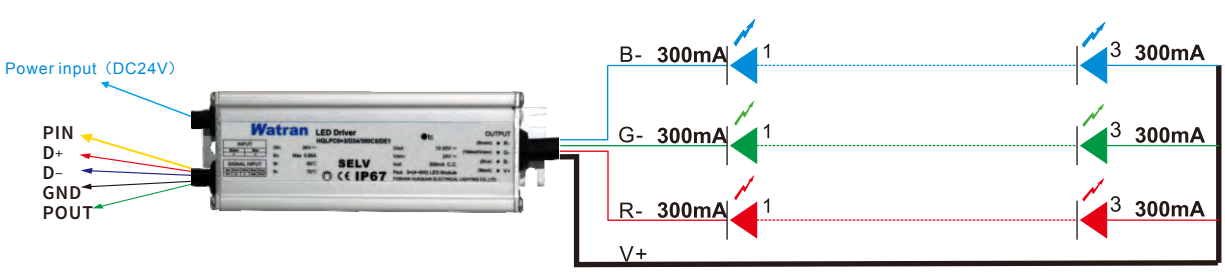
Implementation Standards

Performance/Safety	GB19510.1/IEC61347-1；GB19510.14/IEC61347-2-13；GB/T24825/IEC62384.
EMC	GB17625.1/IEM61000-3-2； GB17743/CISPR15

Power	12-54W
Ta	-40℃~50℃
Tc	90℃
Service Life	50000h@Ta
Material	Aluminum Case
Output Wire	Rubber Cable

IP67



Power	Model	Channel	Input	Output Voltage	Output Current	Tol	Efficiency	LxWxH(mm)	Certification	Net Weight	Product Code
4Wx3	HQLPA4x3/D24/300M/D2E2	3	24VDC	9~15V	300mA	±5%	⩾85%	124x39.4x31.4	-	255g	2740221003
6Wx3	HQLPA6x3/D24/300M/D2E2	3	24VDC	15~22V	300mA	±5%	⩾85%	124x39.4x31.4	-	255g	2740222011
12Wx3	HQLPA12x3/D24/600M/D2E2	3	24VDC	15~22V	600mA	±5%	⩾85%	124x39.4x31.4	-	255g	2740225006
18Wx3	HQLPA18x3/D24/900M/D2E2	3	24VDC	15~22V	900mA	±5%	⩾85%	124x39.4x31.4	-	255g	2740251001

Product Load Connection Mode