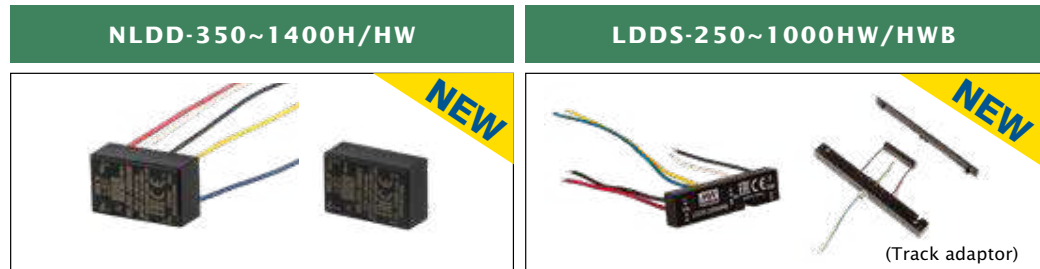


NLDD&LDDS series DC/DC LED Driver

Features

- Constant current step-down mode ;
- Wide input and output voltage range
- High efficiency up to 96%
- Comply with BS EN55015 regulation without additional input filter and capacitors
- PWM dimming and remote ON/OFF control
- Protections: Short circuit / Over temperature
- Fully enclosed plastic case (UL 94V-0)
- Class III safety voltage application
- 3 years warranty(NLDD-H)
- 5 years warranty(LDDS-H)



Output current accuracy	±5% at 48VDC input (Typical)		±5% at 48VDC input (Typical)
PWM dimming & ON/OFF control	Remote ON/OFF	Leave open if not used ■ Power ON with dimming: DIM ~ -Vin >2.5~5VDC or open circuit ■ Power OFF: DIM ~ -Vin <0.8VDC or short	■ Power ON with dimming: DIM ~ -Vin >2.5~1.5VDC or open circuit ■ Power OFF: DIM ~ -Vin <0.3VDC or short
	PWM frequency	100~1 KHz	
Short circuit	Regulated at rated output current, can be continued, auto-recovery		
Over temperature protection	Shut down, recovers automatically after temperature goes down		
Working temperature	-40~+50°C		-40~+55°C
EMC standards	BS EN55015, BS EN61547, BS EN61000-4-2,3,4,6,8		
Operating case temp. (max.)	90°C		90°C
Dimension (LxWxH)(mm)	NLDD-H/HW: 32.1x 20.5x 12.5mm		47x 12x 7mm

NLDD-H Series



Model No.	Input (VDC)	Output		Io Tol.	Effi.
		Voltage (VDC)	Current (mA)		
NLDD-350H □	10~56	6~52	350	±5%	96%
NLDD-500H □	10~56	6~52	500	±5%	96%
NLDD-700H □	10~56	6~52	700	±5%	96%
NLDD-1050H □	10~56	6~52	1050	±5%	96%
NLDD-1200H □	10~56	6~46	1200	±5%	95%
NLDD-1400H □	10~56	6~46	1400	±5%	95%

□ = Blank, W ; Blank: pin style, W: wire style

LDDS-H Series



Model No.	Input (VDC)	Output		Io Tol.	Effi.
		Voltage (VDC)	Current (mA)		
LDDS-250HW □	12~56	2~45	250	±5%	94%
LDDS-300HW □	12~56	2~45	300	±5%	95%
LDDS-350HW □	12~56	2~45	350	±5%	95%
LDDS-500HW □	12~56	2~45	500	±5%	95%
LDDS-700HW □	12~56	2~45	700	±5%	95%
LDDS-1000HW □	12~56	2~45	1000	±5%	96%

□ = Blank, B ; Blank: without Dimming, B: with 3in1 Dimming