

ODLV series

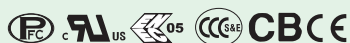
45~65W Plastic Case with PFC

► Features

- Constant voltage PWM style output mode
- ODLV-45: 90~295VAC input
ODLV-65: 180~295VAC input only
- No load power consumption<0.5W (Blank-Type)
- High efficiency up to 90%
- Fully encapsulated with IP67 level
- Isolation class II, no FG
- Built-in 2 in 1 dimming (0~10VDC or PWM signal)
- Built-in 12V/50mA auxiliary output (A-Type)
- Suitable for LED strip lighting
- Protection: Short circuit
- 3 years warranty

INPUT		ODLV-45(A)	ODLV-65(A)
			
OUTPUT (Blank-Type)	OUTPUT (A-Type)		
Vo- Vo+ DIM- DIM+	AUX- AUX+ Vo- Vo+ DIM- DIM+		
AC input voltage range		90 ~ 295VAC ; 127 ~ 417VDC	180 ~ 295VAC; 254~417VDC
AC inrush current (max.)		Cold start, 30A at 230VAC	
Setup time		500ms / 230VAC	
Short circuit protection		Shut down O/P voltage, re-power on to recovery	
PWM dimming signal		10V PWM signal, frequency range 300Hz~3kHz	
Total harmonic distortion		THD<20%	
Withstand voltage		I/P-O/P: 3.75KVAC	
Working temperature		Tcase= -20~+85°C (refer to "OUTPUT LOAD vs TEMPERATURE")	
Safety standards		UL8750, ENEC EN61347-1, EN61347-2-13, EN62384, GB19510.14, GB19510.1 approved	
EMC standards		EN55015, EN61000-3-2 Class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547, GB17743, GB17625.1	
Connection	Input	SVT 18AWGx2C (20cm)	
	Output	Blank-Type: UL1007 18AWGx2C(20cm) + UL1007 22AWGx2C(15cm) A-Type: UL1007 18AWGx2C(20cm) + UL1007 22AWGx2C(15cm) + UL1007 22AWGx2C(15cm)	
Dimension (LxWxH) mm		111 x 77 x 28.5	121 x 77 x 28.5

ODLV-45/45A Series



Model No.	Output	Tol.	Effi.
ODLV-45□-12	12V, 0~3A	±10%	84
ODLV-45□-24	24V, 0~1.88A	±10%	86
ODLV-45□-36	36V, 0~1.25A	±10%	88
ODLV-45□-48	48V, 0~0.94A	±10%	88
ODLV-45□-60	60V, 0~0.75A	±10%	90

□ = Blank/A; Blank: without auxiliary output, A: with auxiliary function

ODLV-65/65A Series



Model No.	Output	Tol.	Effi.
ODLV-65□-12	12V, 0~4.2A	±10%	85
ODLV-65□-24	24V, 0~2.4A	±10%	87
ODLV-65□-36	36V, 0~1.8A	±10%	88
ODLV-65□-48	48V, 0~1.35A	±10%	89
ODLV-65□-60	60V, 0~1.08A	±10%	90

□ = Blank/A; Blank: without auxiliary output, A: with auxiliary function