



Features:

- AC Input Rating: 90~305V
- Output Voltage: 20~26VDC x 4CH (each 1.56A)
- Dimming: 3.3V PWM, Bluetooth
- Standby Power < 0.5W
- Protections: SCP, OVP, OTP
- Environment working temp: -40°C ~ 70 °C
- Safety Compliance: ENEC, CCC, UL, PSE, CNS
- IP65 design for outdoor installation
- Suitable for LED grow light, high bay, street light, flood light, electronic signage, advertising light box, and stage light
- Lifetime: 60,000 hrs, Ta=30°C

SPECIFICATION

Model		WE-150-30D
Output	Output Power	150W
	Output Voltage	20-26VDC x 4CH (Vo1-Vo4)
	Number of Channels	4 channels
	Output Rated Current	1.56A max. (each channel)
	Voltage Adj. Range	20 ~ 26A
	Current Adj. Range	0~1.56A
	Voltage Tolerance	± 3%
	Line Regulation	± 1%
	Load Regulation	± 3%
	Ripple & Noise	240mVp-p
	Dimming Range	PWM 3.3V, Bluetooth
	PWM in Frequency Range	300Hz~2000Hz
	PWM in Duty Cycle	1%~99%
	Turn-on Delay Time	1S~2S/120VAC, 0.5S/240VAC
Input	AC Input Rating	100~277V
	AC Input Range	90 ~ 305VAC
	Frequency Range	47 ~ 63Hz
	Efficiency (Typ.)	90% @ 100VAC, 92% @ 230VAC
	Power Factor (Typ.)	PF>0.95 min./100VAC, PF>0.90 min./230VAC
	THD (Total Harmonic Distortion)	THD< 20%, when output loading ≥50% at 115VAC/240VAC input, when output loading ≥75% at 277VAC input
	Standby Power	< 0.5W @ 100-240VAC
	Leakage Current	<5mA
	Input AC Current	1.8A/100~277VAC
	Inrush Current	Cold start <50A at 230VAC
	No Load Power	0.21W/115VAC, 0.42W/ 230VAC
Protection	OVP	27~34V Shut down o/p voltage with auto-recovery or re-power on to recovery
	SCP	Recovers automatically after fault condition is removed
	OTP	100°C ±10°C derating 50% o/p current, recovers automatically after temperature goes down

SPECIFICATION

Model		WE-150-30D
Environment	Working Temperature	-40°C~70°C
	Working Humidity	20%~95% RH, non-condensing
	T-case Max Temperature	90°C
	Storage Temperature/ Humidity	-40°C~80°C; 10%~95% RH
	Temperature Coefficient	± 0.03%/°C (0~50°C)
	Vibration Resistance	10-500Hz, 2G, 12min/cycle, X, Y, Z axes/72min
Safety & EMC	Safety Standard	Compliance to EN61347-1, EN61347-2-13, J61347-1, J61347-2-13; design refer to UL60950-1, TUV EN60950-1
	Withstand Voltage	I/P-O/P: 3750VAC
	Insulation Resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
	EMC Emission	Compliance to EN55015, EN55022 Class B, EN61000-3-2 Class C, IEC61000-3-3
	EMC Immunity	Compliance to EN61000-4-2.3.4.5.6.8.11, EN61547, EN55024
Others	MTBF	180,000 hrs min. MIL-HDBK-217F (25°C)
	Lifetime	60,000 hrs at 30°C
	Warranty	5 years
	IP Rating	IP65
	Dimension	L233*W90*H45.1 mm
	Net Weight	2000g ± 100g/PCS
	Package	L335*W120*H48 mm; 10PCS/Ctn, Gross Weight: 22kg

MECHANICAL SPECIFICATION

