

# LCM series

## 25~60W Multiple-Stage Output Current LED Power Supply



### Power Supply features:

- **Output current level selectable by DIP switch**
- **LCM-25(DA): 180~277VAC input only**  
**LCM-40(DA)/60(DA): 180~295VAC input only**
- **Built-in active PFC (Power Factor Correction)**
- **Protection: Short circuit / Over voltage(40W/60W only) / Over temp.**
- **Cooling by free air convection**
- **Fully isolated plastic case**
- **No load power consumption <0.5W(LCM-25/25DA/40DA/60DA)**
- **12V/50mA auxiliary output for LCM-40DA/60DA versions**

Refer to [www.procontechnology.com.au](http://www.procontechnology.com.au) for detailed specs.

- **Class II power unit, no Frame Ground.**
- **Logarithmic or linear dimming curve selectable (meets IEC62386-207)**
- **Built-in 0~10VDC and PWM signal dimming function (non DA-Type)**
- **Built-in DALI interface and push button dimming function (DA-Type)**
- **12V/50mA auxiliary output on LCM-40/60 and DA models in Australia**
- **Temperature compensation function by external NTC (40W/60W only)**
- **Power supply synchronization function for up to 10 units**
- **Suitable for indoor LED lighting applications**
- **3 year warranty**

• **Australian Electrical Safety Approval**

	INPUT	OUTPUT		LCM-25(DA)	LCM-40/60(DA)
Non-DA Type	25W/40W/60W	25W	40W/60W		
DA-Type					

AC input voltage range	180~277VAC; 254~392VDC	180~295VAC; 254~417VDC
AC inrush current (Typ.)	Cold start, 20A at 230VAC	
Short circuit protection	Constant current limiting, recovers automatically after fault condition is removed	
Over voltage protection	LCM-40/40DA: 110~130VDC, LCM-60/60DA: 105~125VDC	
Over temperature protection	LCM-25(DA): Shut down o/p voltage, recovers automatically after fault condition is removed LCM-40/60(DA): Shut down o/p voltage, re-power on to recover	
Setup, rise, hold up time	500ms, 50ms, 30ms	500ms, 80ms, 16ms at full load and 230VAC
Withstand voltage	I/P-O/P: 3.75kVAC	
Working temperature	Tcase = -30°C ~ +85°C	Tcase = -30°C ~ +90°C
Safety standards	UL8750, ENEC EN61347-1, EN61347-2-13, EN62384, EAC TP TC 004 approved	
DALI standards	Complies with IEC62386-101, 102, 207 (DA version only)	
EMC standards	EN55015, EN61000-3-2 class C, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547, EAC TP TC 020	
Size (LxWxH), Weight	105x68x23mm, 0.17Kg	123.5x81.5x23mm, 0.24Kg

### LCM-25(DA) Series



Output	I <sub>o</sub> Tol.	I <sub>o</sub> Ripple	Eff.	DIP Switch					
				1	2	3	4	5	6
350mA, 6~54V	±5%	5% max	86%	-----	-----	-----	-----	-----	-----
500mA, 6~50V				ON	-----	-----	-----	-----	-----
600mA, 6~42V				ON	ON	-----	-----	-----	-----
700mA, 6~36V (Factory setting)				ON	ON	ON	-----	-----	ON
900mA, 6~28V				ON	ON	ON	ON	-----	ON
1050mA, 6~24V				ON	ON	ON	ON	ON	ON

### LCM-40(DA) Series



Output	I <sub>o</sub> Tol.	I <sub>o</sub> Ripple	Eff.	DIP Switch					
				1	2	3	4	5	6
350mA, 2~100V	±5%	5% max	91%	-----	-----	-----	-----	-----	-----
500mA, 2~80V				ON	-----	-----	-----	-----	-----
600mA, 2~67V				ON	ON	-----	-----	-----	-----
700mA, 2~57V (Factory setting)				ON	ON	ON	-----	-----	ON
900mA, 2~45V				ON	ON	ON	ON	-----	ON
1050mA, 2~40V				ON	ON	ON	ON	ON	ON

### LCM-60(DA) Series



Output	I <sub>o</sub> Tol.	I <sub>o</sub> Ripple	Eff.	DIP Switch					
				1	2	3	4	5	6
500mA, 2~90V	±5%	5% max	92%	-----	-----	-----	-----	-----	-----
600mA, 2~90V				ON	-----	-----	-----	-----	-----
700mA, 2~86V (Factory setting)				ON	ON	-----	-----	-----	-----
900mA, 2~67V				ON	ON	ON	-----	-----	ON
1050mA, 2~57V				ON	ON	ON	ON	-----	ON
1400mA, 2~42V				ON	ON	ON	ON	ON	ON



KNX/EIB protocol units also available!

[www.procontechnology.com.au](http://www.procontechnology.com.au) for mean well

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