



- Features**
- ◆ Input voltage: 100~240Vac
 - ◆ Built-in active PFC function .
 - ◆ High efficiency: up to 84% Typ.
 - ◆ Constant current, 1 channel output
 - ◆ Support DALI Dimming
 - ◆ Output current can be set from 200~700mA
 - ◆ Protection: OVP, SCP,
 - ◆ According with PSE

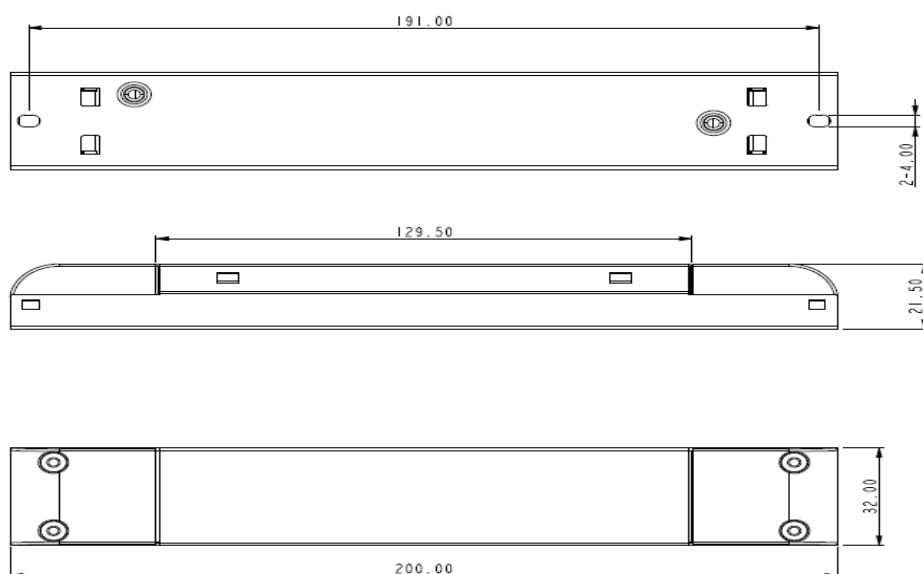
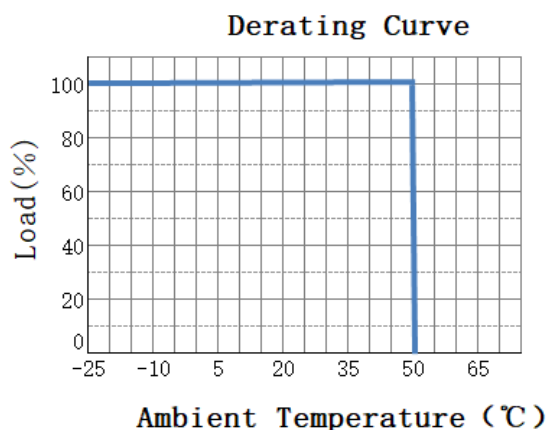
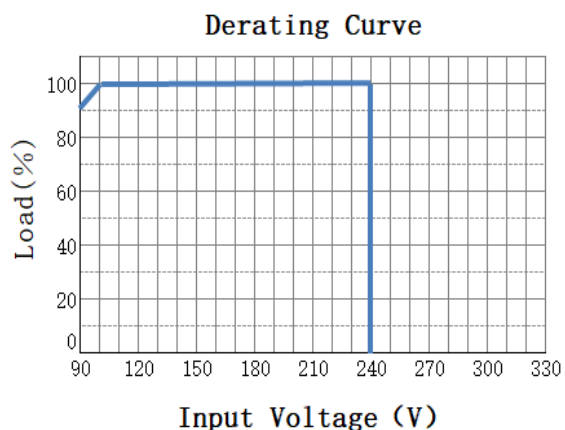
Specification							
Model (MU015S070AQI340)							
Input	Efficiency(200Vac)	>84%at Full Load					
	Efficiency(100Vac)	>83%at Full Load					
	Rated Input Voltage (Vac)	100-240					
	Frequency Range (Hz)	47~63					
	Power Factor	>0.9 at 100V~240Vac 50/60Hz,with 60%~100% load conditions					
	THD	<20%, at 100~240Vac 50/60Hz input, with 60%~100% load conditions					
	AC Current(Typ.)	0.2Arms Max at 100Vac, 0.1Arms Max at 240Vac					
	Inrush Current(Typ.)	<10A at 100~240Vac 25℃ cold start at 100%					
	Input Power (W)	18.5(max)					
	standby power(W)	<0.5W at 100Vac 60HZ , <1W at 230Vac 50HZ					
Output	Leakage Current(max.)	0.75mA at 100~242Vac 50/60Hz input					
	Output Voltage Range (V)	12~50V					
	Output Current Range(mA)	200~700 (Max)					
	Rated Power (W)	15(Max)					
	Output channels	1					
	Ripple Current (PK-PK)/A	20% max, at output 200~700mA conditions					
	Current Tolerance	±5%@setting current 200~700mA					
	Line Regulation	±3% Full Load					
	Load Regulation	±5% Full Load					
	Startup time	<0.5s measured at 100~240Vac 47~63Hz input					
Dimming	PDALI	Linear mode 0.4%~100%Io , logarithmic mode 0.1%~100%Io					
Protection	Open circuit protection(V)	60 max					
	Short Circuit	Automatic recovery.					
Environment	Operating Temp.	Ta: -25℃~55℃, Tc: 85℃					
	Operating Humidity	20~95%RH, non-condensing					
	Storage Temp	-40~+85℃					
	Storage Humidity	10~95%RH					
	Vibration	10~500Hz, 5G 12min/cycle, period for 72min each along X、Y、Z axis					
	Ingress Protection Rating	IP20					
Safety & EMC	Safety Standard	J61347-1;J61347-2-13					
		Isolation	Input	Output	Dimming interface	Enclosure	
		Input	No applicable	3KVAC	1.5KVAC	1.5KVAC	
		Output	3KVAC	No applicable	1.5KVAC	1.5KVAC	
		Dimming interface	1.5KVAC	1.5KVAC	No applicable	1.5KVAC	
		Enclosure	1.5KVAC	1.5KVAC	1.5KVAC	No applicable	
	Isolation Resistance	I/P-O/P ,I/P-FG,O/P-FG:100M Ohms/500VDC/25℃/70%RH,1min					
	EMC Emission	J55015					
	EMC Immunity	JIS C61000-4-5 (Surge L,N-FG 2KV, L-N 1KV)					
		JIS C61000-4-2 Level3					
		JIS C61000-4-3 Level3					
		JIS C61000-4-4 Level3					
		JIS C61000-4-8 Level3					
		JIS C61000-4-11					
Others	Life time	>50000 hours@Tc =70℃ at 100% load conditions					
	RoHS	RoHS					
	MTBF	TBD					
	Dimension	200mm*32mm*21.5mm					
	Weight	TBD					

Mechanical Specification

Dimensions(Unit:mm)

Derating Curve

Derating Curve



RoHS Compliance:

Our products comply with the European Directive 2002/95/EC, calling for the elimination of lead and other hazardous substances from electronic products.