



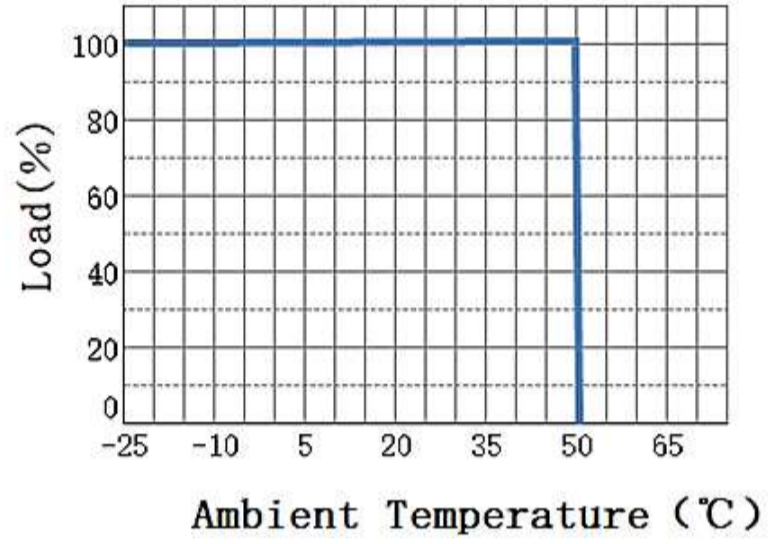
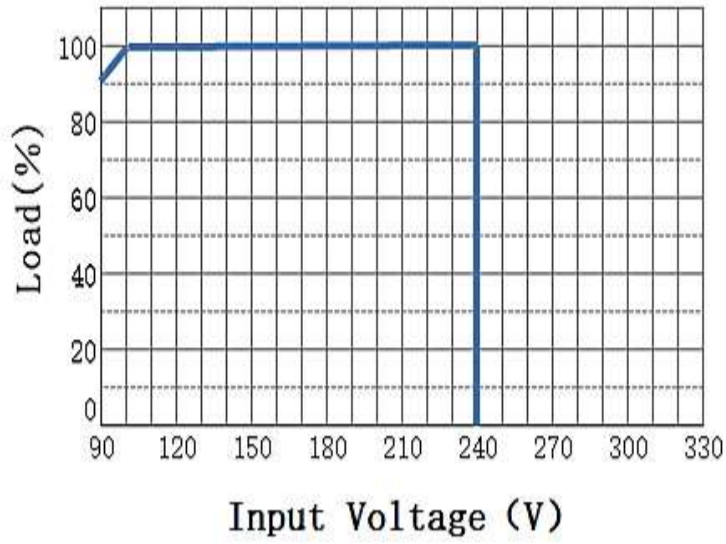
## ■ Features

- ◆ Input voltage: 100~240Vac
- ◆ Built-in active PFC function
- ◆ High efficiency: up to 78% Typ.
- ◆ Constant current, 1 channel output
- ◆ Support DALI Dimming
- ◆ Output current can be set from 200~1050mA
- ◆ Protection: OVP, SCP
- ◆ According with PSE

## ■ Specification

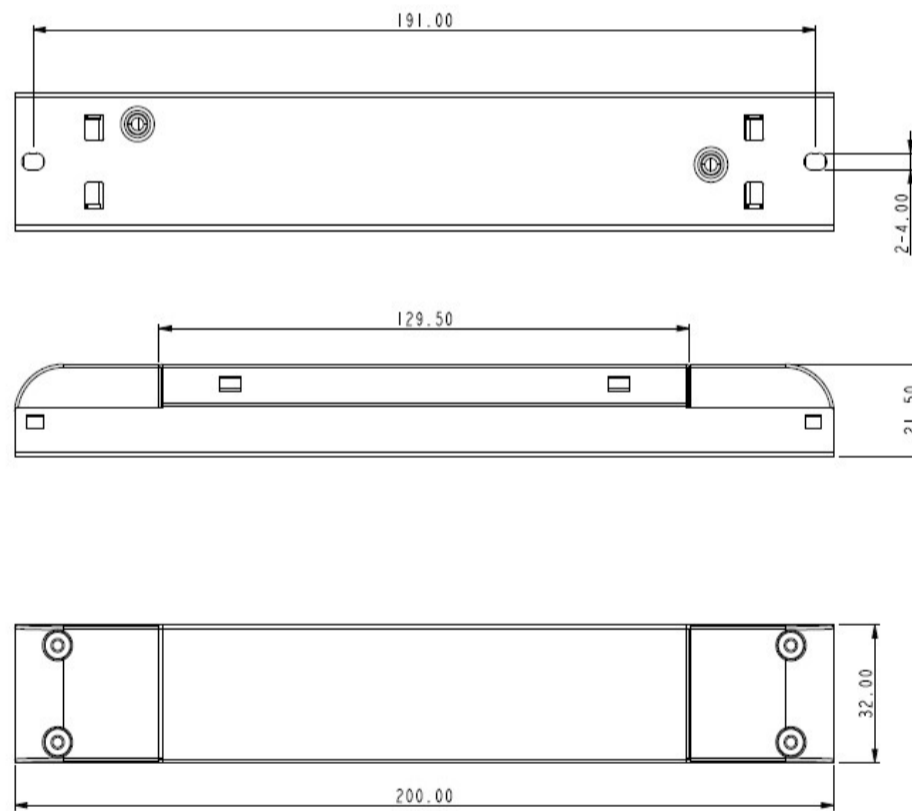
Model		MU015S105AQI340				
Input	Efficiency(230Vac)	78%at Full Load				
	Efficiency(100Vac)	76%at Full Load				
	Rated Input Voltage (Vac)	100-240				
	Frequency Range (Hz)	47~63				
	Power Factor	>0.9 at 100V~240Vac 50/60Hz,with 60%~100% load conditions				
	THD	<20%, at 100~240Vac 50/60Hz input, with 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°C cold start at 100%				
	Input Power (W)	20(max)				
	Standby power(W)	<1W at100Vac~ 230Vac, 50HZ				
	Leakage Current(max.)	0.75mA at 100~240Vac 50/60Hz input				
Output	Output Voltage Range (V)	2.5~15V				
	Output Current Range(mA)	200~1050 (Max)				
	Rated Power (W)	15(Max)				
	Output channels	1				
	Ripple Current (PK-PK)/AV	20% max, at output 200~1050mA conditions				
	Current Tolerance	±5%@setting current 200~1050mA				
	Line Regulation	±3% Full Load				
	Load Regulation	±5% Full Load				
Startup time	<0.5s measured at 100~240Vac 47~63Hz input					
Dimming Port	DALI	Linear mode 0.4%~100%Io , logarithmic mode 0.1%~100%Io				
Protection	Open circuit protection(V)	22 max				
	Short Circuit	Automatic recovery.				
Environment	Operating Temp.	Ta: -25°C~55°C, Tc: 85°C				
	Operating Humidity	20~95%RH, non-condensing				
	Storage Temp	-40~+85°C				
	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	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°C/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°C at 100% load conditions				
	RoHS	RoHS				
	MTBF	300,000 hours,measured at full load,25°C ambient temperature MIL-HDBK-217F(25°C)				
	Dimension	200mm*32mm*21.5mm				
	Weight	220g				

■ Derating Curve



■ Mechanical Specification

Dimensions(Unit: mm)



RoHS Compliance:

(MOONS') warrants that product as listed can meet the EU RoHS Directive (RoHS2.0 2011/65/EU & (EU) 2015/863).