



■ Features:

- Constant voltage output design
- Universal AC input rang 90-264VAC
- Protections: Short circuit/Over current/Over voltage/Over temperature
- Fanless design, Cooling by free air convection
- Class II Power unit, no FG
- Class 2 Power unit
- P65/IP67 design for indoor or outdoor installations
- Listed in UL Sign Component Manual (SAM ,
Conforms to UL 879,UL8750)
- Suitable for LED related fixture or appliance (such
as LED Decoration or Advertisement devices)
- Ultra-long life



INPUT SPECIFICATIONS

Parameter Name	Min.	Typ.	Max.	Unit
Input Voltage	100	230	240	Vac
Input Current	---	0.2	0.5	A
Frequency Rang	47	50\60	63	Hz
Short Circuit Protection	Constant Current limiting, recovers automatically after fault condition is removed			
Inrush Current(Typ.)	Cold Start 55A(twidth=505us measured at 50% Ipeak) at 230VAC			
MAX. No. of PSUs on 16A Circuit Breaker	4 units (circuit breaker of type B)/7 units (circuit breaker of type C) at 230VAC			

OUTPUT SPECIFICATIONS

Parameter Name		Min.	Typ.	Max.	Unit
35LV-12V (Constant Voltage)	Rated Output Voltage	-5%	12	+5%	Vdc
	Rated Output Current	0	3.0	3.0	Vdc
	Rated Output Power	---	36	36	Adc
	Efficiency	82	84	---	% (230VAC)
35LV-24V (Constant Voltage)	Rated Output Voltage	-5%	24	+5%	Vdc
	Rated Output Current	0	1.5	1.5	Vdc
	Rated Output Power	---	36	36	Adc
	Efficiency	84	86	---	% (230VAC)
No Load Power		---	---	0.5	1
Ripple & Noise		---	---	0.5	1
Overshoot		---	---	---	+5
Line regulation		-1	-1	---	+1
Load Regulation		-2	-2	---	+2
Over Voltage Protection		---	---	---	110
Short Circuit Protection		Constant Current limiting, recovers automatically after fault condition is removed			

WORKING ENVIRONMENT

Item	Min.	Typ.	Max.	Unit
Working Temp.	-30~+65℃ (Please refer to “OUTPUT LOAD vs TEMPERATURE” section)			
IP Rating	IP65			
MAX. Working Humidity	20~95%RH non-condensing			
Cooling Method	Cooling by free air convection, External LED Driver can improve the lifespan.			
Storage Temp. , Humidity	-40~+80℃, 10~95%RH			
Working Atmosphere	70	---	106	Kpa

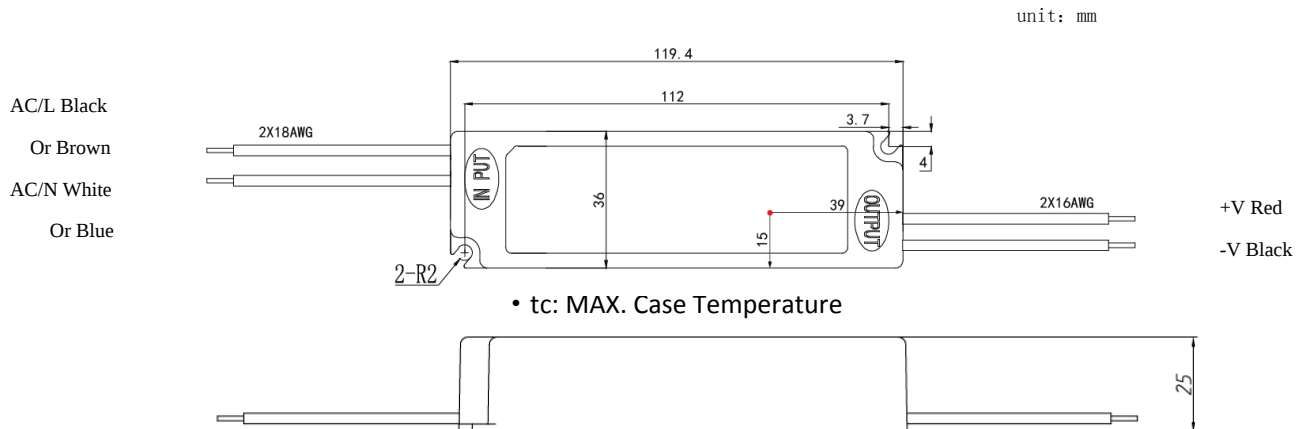
SAFETY

Item	Min.	Typ.	Max.	Unit
I/P-O/P	3750	---	---	V(AC)
I/P-FG	3750	---	---	V(AC)
O/P-FG	500	---	---	V(DC)
Surge: L-N	---	2000	---	V

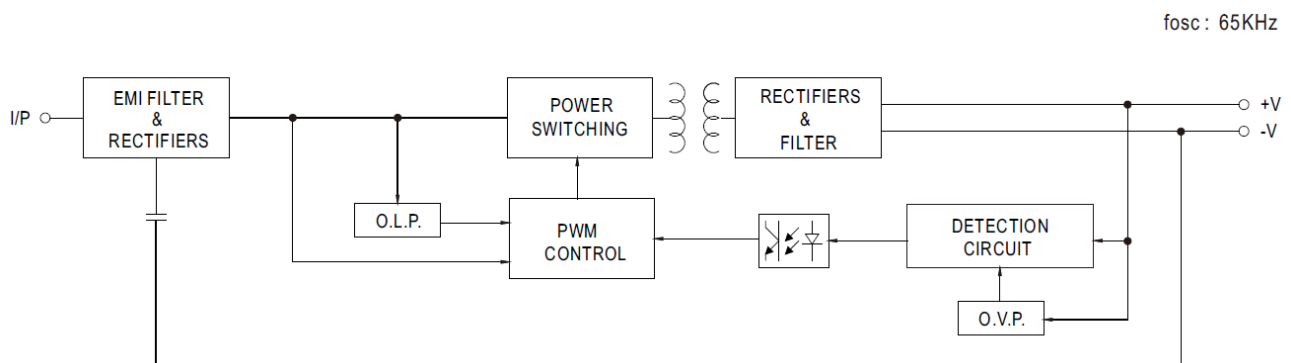
OTHER

MTBF	≥716.2Khrs MIL-HDBK-217F (25℃)
Dimensions	119.4X36X25mm

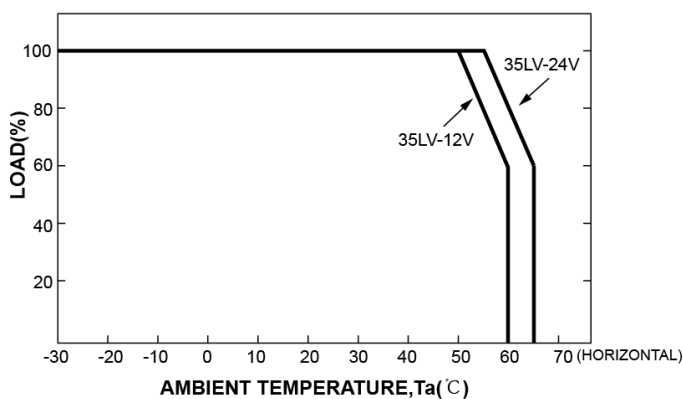
MECHANICAL SPECIFICATION



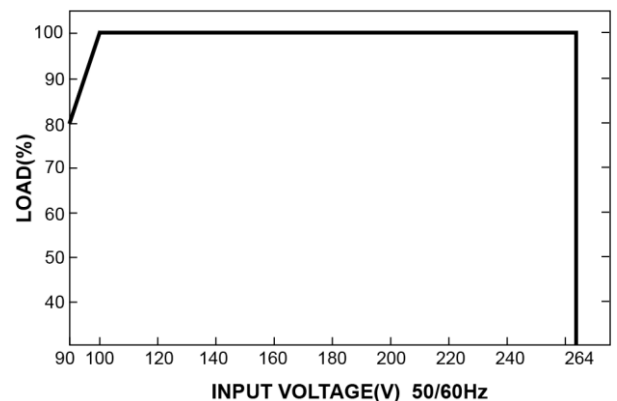
BLOCK DIAGRAM



OUTPUT LOAD vs TEMPERATURE



STATIC CHARACTERISTICS



※ De-rating is needed under low input voltage