

# ASG-DI5118-A

Single Dimming Series 18W | 350mA 45-54V DC

## SPECIFICATION.

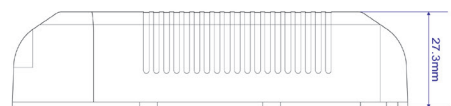
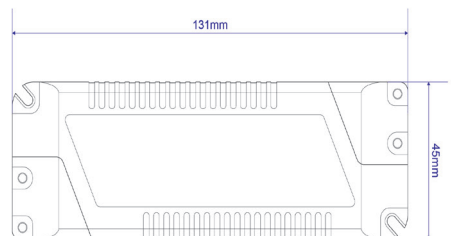
Symbol	Parameter	Condition	Min	Type	Max	Unit
V <sub>in</sub>	Input Voltage Range	50/60 HZ	100	110/220	240	VAC
P <sub>i</sub>	Input Power Range			20.5		W
V <sub>o</sub>	Output Voltage Range	LED1W 15-18 series	45	54	57	VDC
I <sub>o</sub>	Output Current			350		mA
P <sub>o</sub>	Output Power			18		W
PF	Power Factor	V <sub>i</sub> =110/220VAC		≥ 0.9		
V <sub>is</sub>	Isolation Pressure Resistance	Input to output, the environmental humidity is less than 99%, unsaturated.	3.75			KV
Δi	Constant Current Accuracy	Working environment temperature is -15°C~ +50°C	-5		5	%
λ	Output Efficiency			87		%
T <sub>A</sub>	Temperature of Working Environment		-15		50	°C
V <sub>oc</sub>	Open-circuit Voltage	No-Load		≤ 35		
T <sub>on</sub>	Start Time			≤ 2		mS
Dimming	Dimming Way	PWM 0-100% smooth and no jitter	0-100	3-100	6-100	%
Receive	Reception Sensitivity	50 ohm antenna direct input/1K Kbps	-109	-110	-111	dB
F <sub>c</sub>	Working Frequency		433.82	433.92	434.02	MHZ
	Modulation mode GASK					

## LIMIT PARAMETER.

Symbol	Parameter	Min	Type	Max	Unit
V <sub>in</sub>	Input Voltage Range	100	110/220	240	VAC
V <sub>o</sub>	Output Voltage Range	45	54	57	VDC
λ	Input Power		20.5		W
T <sub>A</sub>	Temperature of Working Environment	-20		55	°C

## RELATIVE STANDARDS.

Safety Standards	IEC 61347-2-13:2006 IEC 61347-1:2007+A1:2010+A2:2012 EN 61347-2-13:2006 EN 61347-1:2008+A1:2011+A2:2013 EN 62493:2010
EMI/EMC Standards	IEC 61547:2009+IS1:2013 EC 61000-3-2:2006+A1:2008+A2:2009 EN 55015:2006+A1:2007+A2:2009 EN 61547:2009 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2008 IEC 61000-3-3:2008 CISPR 15:2011



# ASG-DI5118-B

Single Dimming Series 18W | 550mA 24-34V DC

## SPECIFICATION.

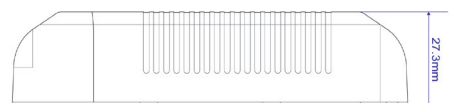
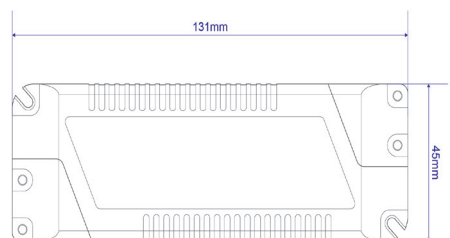
Symbol	Parameter	Condition	Min	Type	Max	Unit
V <sub>in</sub>	Input Voltage Range	50/60 HZ	100	110/220	240	VAC
P <sub>i</sub>	Input Power Range			20.5		W
V <sub>o</sub>	Output Voltage Range	LED2W 7-9 series	24	34	37	VDC
I <sub>o</sub>	Output Current			550		mA
P <sub>o</sub>	Output Power			18		W
PF	Power Factor	V <sub>i</sub> =110/220VAC		≥ 0.9		
V <sub>is</sub>	Isolation Pressure Resistance	Input to output, the environmental humidity is less than 99%, unsaturated.	3.75			KV
Δi	Constant Current Accuracy	Working environment temperature is -15°C~ +50°C	-5		5	%
λ	Output Efficiency			85		%
T <sub>A</sub>	Temperature of Working Environment		-15		50	°C
V <sub>oc</sub>	Open-circuit Voltage	No-Load		≤ 35		
T <sub>on</sub>	Start Time			≤ 2		mS
Dimming	Dimming Way	PWM 0-100% smooth and no jitter	0-100	3-100	6-100	%
Receive	Reception Sensitivity	50 ohm antenna direct input/1K Kbps	-109	-110	-111	dB
F <sub>c</sub>	Working Frequency		433.82	433.92	434.02	MHZ
	Modulation mode GASK					

## LIMIT PARAMETER.

Symbol	Parameter	Min	Type	Max	Unit
V <sub>in</sub>	Input Voltage Range	100	110/220	240	VAC
V <sub>o</sub>	Output Voltage Range	24	34	37	VDC
λ	Input Power		20.5		W
T <sub>A</sub>	Temperature of Working Environment	-20		55	°C

## RELATIVE STANDARDS.

Safety Standards	IEC 61347-2-13:2006 IEC 61347-1:2007+A1:2010+A2:2012 EN 61347-2-13:2006 EN 61347-1:2008+A1:2011+A2:2013 EN 62493:2010
EMI/EMC Standards	IEC 61547:2009+IS1:2013 EC 61000-3-2:2006+A1:2008+A2:2009 EN 55015:2006+A1:2007+A2:2009 EN 61547:2009 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2008 IEC 61000-3-3:2008 CISPR 15:2011



# ASG-DI5118-C

Single Dimming Series 18W | 700mA 18-26V DC

## SPECIFICATION.

Symbol	Parameter	Condition	Min	Type	Max	Unit
V <sub>in</sub>	Input Voltage Range	50/60 HZ	100	110/220	240	VAC
P <sub>i</sub>	Input Power Range			20.5		W
V <sub>o</sub>	Output Voltage Range	LED3W 5-6 series	18	26	29	VDC
I <sub>o</sub>	Output Current			700		mA
P <sub>o</sub>	Output Power			18		W
PF	Power Factor	V <sub>i</sub> =110/220VAC		≥ 0.9		
V <sub>is</sub>	Isolation Pressure Resistance	Input to output, the environmental humidity is less than 99%, unsaturated.	3.75			KV
Δi	Constant Current Accuracy	Working environment temperature is -15°C~ +50°C	-5		5	%
λ	Output Efficiency			85		%
T <sub>A</sub>	Temperature of Working Environment		-15		50	°C
V <sub>oc</sub>	Open-circuit Voltage	No-Load		≤ 35		
T <sub>on</sub>	Start Time			≤ 2		mS
Dimming	Dimming Way	PWM 0-100% smooth and no jitter	0-100	3-100	6-100	%
Receive	Reception Sensitivity	50 ohm antenna direct input/1K Kbps	-109	-110	-111	dB
F <sub>c</sub>	Working Frequency		433.82	433.92	434.02	MHZ
	Modulation mode GASK					

## LIMIT PARAMETER.

Symbol	Parameter	Min	Type	Max	Unit
V <sub>in</sub>	Input Voltage Range	100	110/220	240	VAC
V <sub>o</sub>	Output Voltage Range	18	26	29	VDC
λ	Input Power		20.5		W
T <sub>A</sub>	Temperature of Working Environment	-20		55	°C

## RELATIVE STANDARDS.

Safety Standards	IEC 61347-2-13:2006 IEC 61347-1:2007+A1:2010+A2:2012 EN 61347-2-13:2006 EN 61347-1:2008+A1:2011+A2:2013 EN 62493:2010
EMI/EMC Standards	IEC 61547:2009+IS1:2013 EC 61000-3-2:2006+A1:2008+A2:2009 EN 55015:2006+A1:2007+A2:2009 EN 61547:2009 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2008 IEC 61000-3-3:2008 CISPR 15:2011

