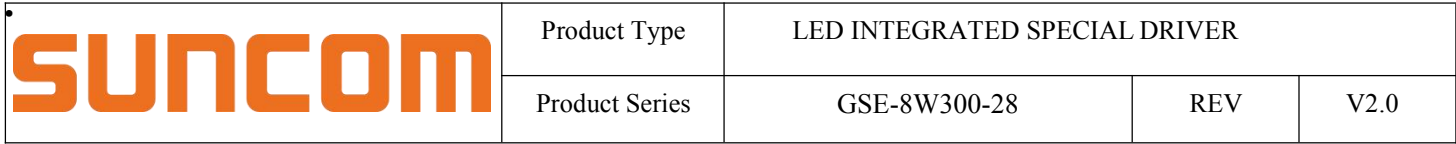
	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-8W300-28	REV	V2.0

SPECIFICATION FOR APPROVAL

CUSTOMER:			
MODEL NO.:	GSE-8W300-28		
Rev.	V2.0		
SAMPLE DATE:			
Customer Confirmation			
TESTED BY	CHECKED BY	APPROVED BY	
NOTE:			
Please return to us one copy of “SPECIFICATION FOR APPROVAL” with you approved signature.			
Suncom Confirmation			
TESTED BY	CHECKED BY	APPROVED BY	
<div>Guangdong Suncom Power Technology Co., Ltd</div> <div>No.1 of Yongyi 3rd Road Henglan Town Zhongshan Guangdong China. Post code: 528478</div> <div>TEL:0760-22326609 28168136 FAX:0760-87600929</div>			



Product Series

GSE-8W300-28

V2.0

[illegible]

SUNCOM	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-8W300-28	REV	V2.0

◆ Features:

- Input Rated voltage : 100-277Vac 50Hz/60Hz
- Isolation, constant current mode output
- Surge protection: L-N :1.5KV

◆ Applications :

Application: Down lamp, Panel light or Other lighting lamps

◆ Description :

This product is a constant current drive power supply, specially designed for LED, built-in Surge protection, output open circuit, short circuit protection, greatly improve the safety and reliability of the product.

■ MODEL LIST :

Model	Rated Power	Input Voltage	Output Voltage	Output Current
GSE-8W300-28	8W	100-277Vac	15-28V	300mA

NOTE: All parameters NOT special mentioned are measured at 230Vac input, rated load and 25°C of ambient temperature.

■ ELECTRICAL SPECIFICATION

◆ Input performance:

Parameter	Min.	Type.	Max.	Notes.
Voltage Range	100Vac	110-240Vac	277Vac	
Frequency Range	47Hz	50/60Hz	63Hz	
AC Current	-	-	0.2A	
Inrush Current	-	-	30A	At 230Vac input, 25°C cold start

◆ Output performance:

Parameter	Min.	Type.	Max.	Notes.
Voltage Range	15VDC	-	28VDC	-
Rated Current	270mA	290mA	310mA	-
Rated Power	-	-	8W	-

SUNCOM	Product Type	LED INTEGRATED SPECIAL DRIVER		
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Non-load Voltage	40V	-	50V	-
Efficiency	$\cong 81\%$	82%	-	At 230Vac input,full load
Current Tolerance	-5%	-	+5%	-
Line Regulation	-3%	-	+3%	-
Load Regulation	-3%	-	+3%	-
Current Ripple	-	$\pm 10\%$	$<\pm 10\%$	-
Turn-on Delay Time	-	0.4S	<1S	Measured at full load and 230Vac input
Short Circuit Protection	-	-	1W	Hiccup mode,recovers automatically after fault condition is removed

Environment

Parameter	Min.	Type.	Max.	Notes.
Working TEMP	-40°C	+25°C	+65°C	-
Storage TEMP	-40°C	+25°C	+85°C	-
Working Humidity	20% RH	-	90% RH	-
Storage Humidity	10% RH	-	90% RH	-
Maximum shell TEMP	-	-	+90°C	-


Safety and EMC:

Withstand Voltage	I/P-O/P:1.5KVAC
Isolation Resistance	$\cong 5M\Omega$ at I/P - O/P 500VDC Test
Leakage Current	<0.75mA/230Vac
Earthing Resistance	-
Surge	L-N +/- 1.5KV (2 ohm)

NOTE :

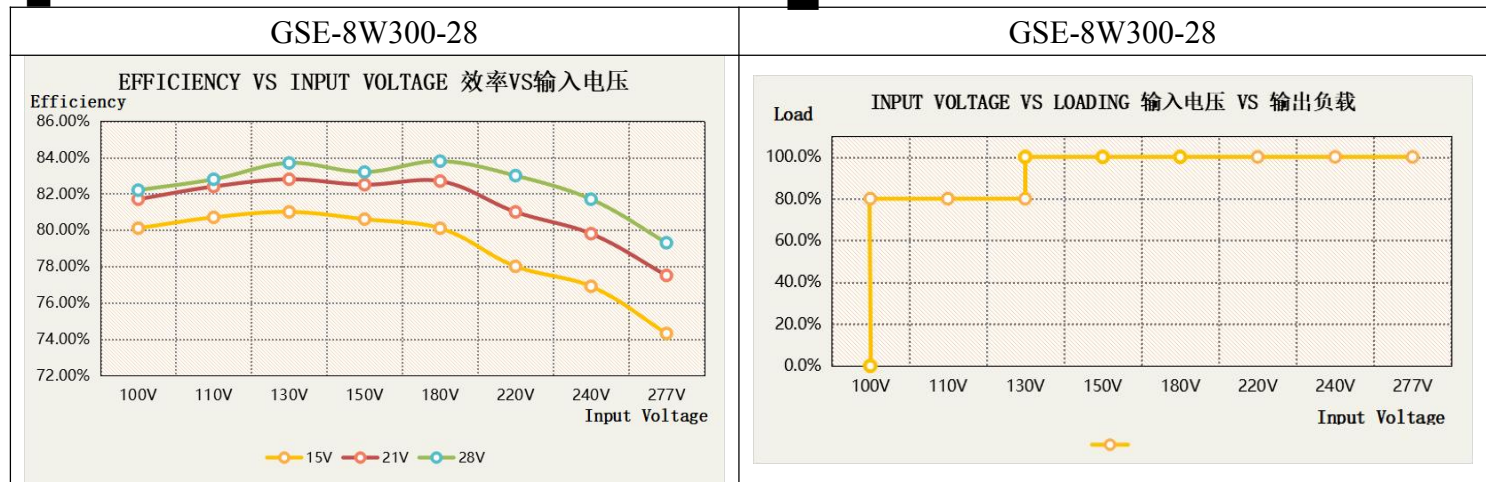
1)All parameters NOT specially mentioned are measured at 230Vac (50Hz) input, rated load and 25°C of ambient temperature.

2) Tolerance:includes set up tolerance,lineregulation and load regulation.

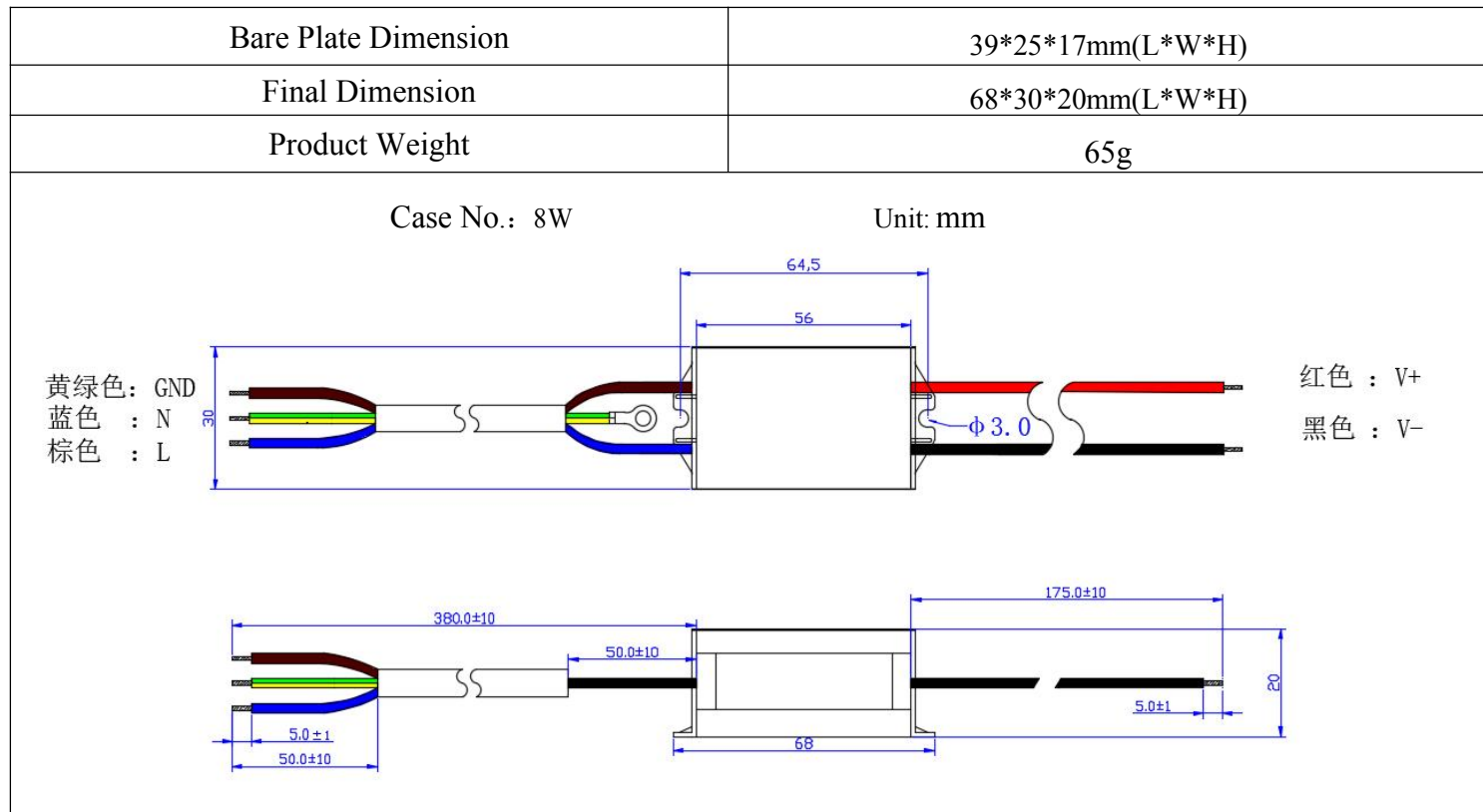
	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-8W300-28	REV	V2.0


EFFICIENCY VS INPUT VOLTAGE

INPUT VOLTAGE VS LOADING



MECHANICAL SPECIFICATION & PACKING:



	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-8W300-28	REV	V2.0

Nameplate

Dimension: 54*22mm Style: sticker

GSE-8W300-28

●

INPUT

●

SUNCOM®

GSE-8W300-28

Input:100-277VAC

0.2A Max 50/60Hz

ta:65°C tc:90°C •tc

Ontput:15-28VDC

300mA±5%

Rated Power:8W

SELV IP65

+

OUTPUT

-

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