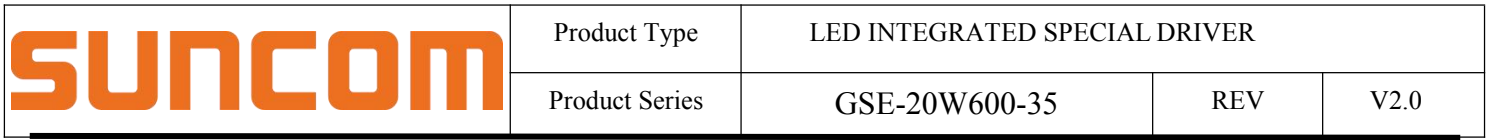
	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-20W600-35	REV	V2.0

SPECIFICATION FOR APPROVAL

CUSTOMER:			
MODEL NO.:	GSE-20W600-35		
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>			




LED INTEGRATED SPECIAL DRIVER

GSE-20W600-35

V2.0

## ■ CHANGE HISTORY

[illegible]

	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-20W600-35	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.

<b>SUNCOM</b>	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-20W600-35	REV	V2.0

## ■ MODEL LIST

Model	Rated Power	Input Voltage	Output Voltage	Output Current
GSE-20W600-35	20W	100-277Vac	22-35V	600mA

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.	Typ.	Max.	Notes.
Voltage Range	100Vac	110-240Vac	277Vac	
Frequency Range	47Hz	50/60Hz	63Hz	
AC Current	-	-	0.4A	
Inrush Current	-	-	30A	At 230Vac input, 25°C cold start

### ◆ Output performance:

Parameter	Min.	Typ.	Max.	Notes.
Voltage Range	22VDC	-	35VDC	-
Rated Current	560mA	585mA	620mA	-
Rated Power	-	-	20W	-
Over Voltage	48VDC	-	55VDC	-
Efficiency	≧87%	87.5%	-	At 230Vac input, full load
Current Tolerance	-5%	-	+5%	-
Line Regulation	-3%	-	+3%	-
Load Regulation	-3%	-	+3%	-
Current Ripple	-	±8%	<±10%	-
Turn-on Delay Time	-	0.3S	<1S	Measured at full load and 230Vac input
Short Circuit Protection	-	-	2W	Hiccup mode, recovers automatically after fault condition is removed

<b>SUNCOM</b>	Product Type	LED INTEGRATED SPECIAL DRIVER		
	Product Series	GSE-20W600-35	REV	V2.0

## Environment:

Parameter	Min.	Typ.	Max.	Notes.
Working TEMP	-40℃	+25℃	+65℃	-
Storage TEMP	-40℃	+25℃	+85℃	-
Working Humidity	20% RH	-	90% RH	-
Storage Humidity	10% RH	-	90% RH	-
Maximum Shell TEMP	-	-	+90℃	-

## Safety and EMC:

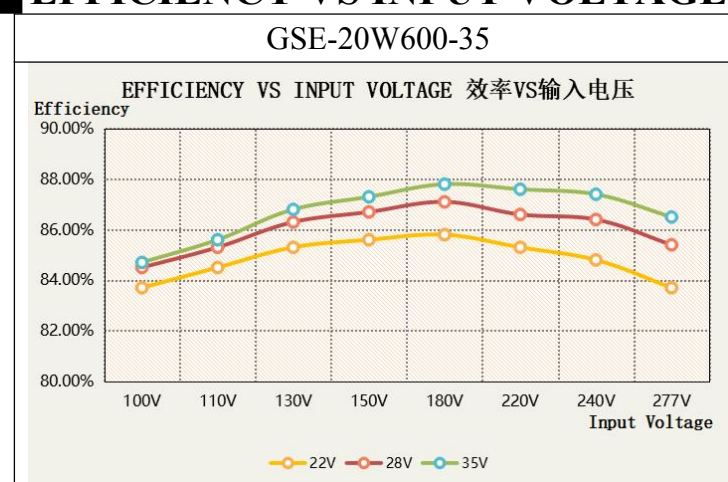
Withstand voltage	I/P-O/P:1.5KVAC
Isolation resistance	$\geq 5M\Omega$ at I/P - O/P 500VDC Test
Leakage current	<0.75mA/230Vac
Earthing resistance	-
Surge	L-N +/- 1.5KV ( 2 ohm )

### NOTE:

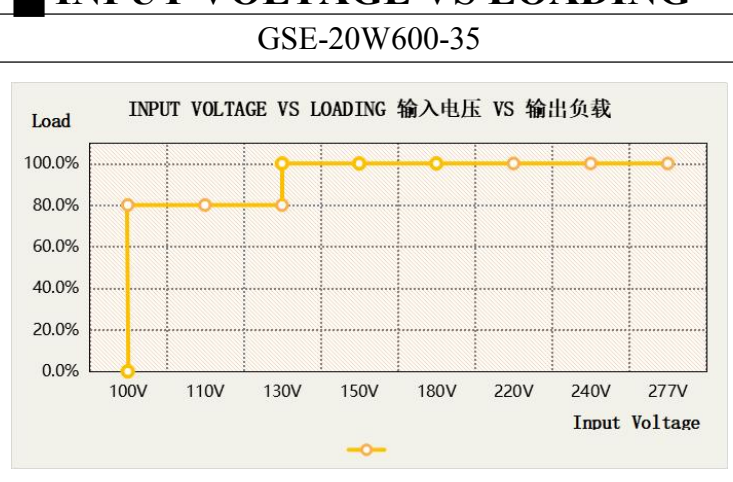
1) All parameters NOT specially mentioned are measured at 230Vac ( 50Hz ) input, rated load and 25℃ of ambient temperature.

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

## EFFICIENCY VS INPUT VOLTAGE



## INPUT VOLTAGE VS LOADING



GSE-20W600-35

<b>● INPUT</b>	<b>SUNCOM® GSE-20W600-35</b>		<b>● OUTPUT</b>
	Input:100-277VAC 0.4A Max 50/60Hz ta:65°C tc:90°C	Output:22-35VDC 600mA±5% Rated Power : 20W	
	<div style="display: flex; justify-content: space-around; align-items: center;"><div></div><div style="font-size: 2em; font-weight: bold;">SELV IP65</div></div>		