

- BG** Инструкция за монтаж и експлоатация
- EN** Instruction for installation and use
- RO** Instrucțiune de instalare și utilizare
- SRB** Uputstvo za ugradnju i upotrebu
- HR** Uputstvo za ugradnju i upotrebu
- BIH** Uputstvo za ugradnju i upotrebu
- HU** Szerelési és kezelési utasítás
- SLO** Navodilo za vgradnjo in uporabo
- GR** Οδηγιοσ για την εγκατασταςη και τη χρηση
- MK** Упатство за вградување и употреба
- SK** Návod na montáž a používanie
- PL** Instrukcja instalacji i użytkowania
- P** Instrução para instalação e uso
- IT** Istruzioni per l'installazione e l'uso



- BG** Токозахранващо устройство
- EN** Power supply
- RO** Stabilizator de tensiune
- SRB** Napojna jedinica DRP
- HR** Napajanje
- BIH** Napojna jedinica DRP
- HU** Tápegység
- SLO** Napajanje
- GR** Τροφοδοτικο
- MK** Напојување
- SK** Napájanie
- PL** Zasilacz
- P** Fonte de energia
- IT** Alimentazione elettrica

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### SETDC CONSTANT VOLTAGE DRIVERS FOR LED



#### ■ Features:

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- No load power consumption < 0.5W
- All using 105°C long life electrolytic capacitors
- Withstand 300VAC surge input for 5 second
- High operating temperature up to 70°C
- Withstand 5G vibration test
- High efficiency, long life and high reliability

#### ■ Applications:

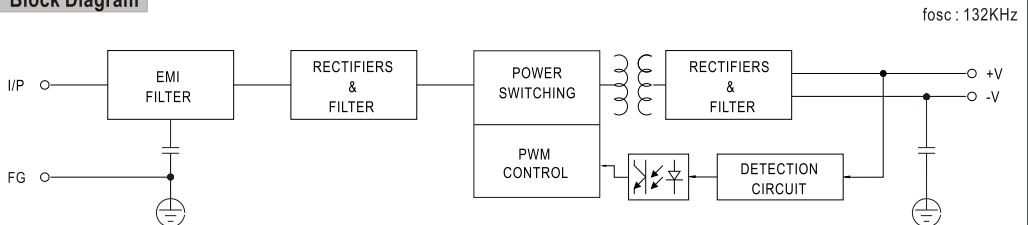
- Industrial automation machinery
- Industrial control system
- Mechanical and electrical equipment
- Electronic instruments, equipments or apparatus
- Household appliances

**BG** - В интерес на вашата безопасност, монтирането и настройването да се извършват само от специалист! **EN** - For your safety, installation and tuning are performed only by a specialist! **BiH** - Za vašu sigurnost, ugradnju i tuning vrši samo stručnjak! **GR** - Για την ασφάλειά σας, η εγκατάσταση και η τοποθέτηση γίνονται μόνο από ειδικούς! **D** - Zu Ihrer Sicherheit werden Installation und Wartung nur von einem Fachmann durchgeführt! **RO** - Pentru siguranța dvs., instalarea și reglarea sunt efectuate numai de către un specialist! **SK** - Pre vašu bezpečnosť, inštalácia a ladenie vykonáva iba špecialista! **SLO** - Za vašo varnost, namestitvev in nastavitev opravlja samo strokovnjak! **SRB** - Za vašu sigurnost, instalacija i podešavanje izvode samo specijalista! **HU** - Az Ön biztonsága érdekében a telepítést és a hangolást csak szakember végezheti! **HR** - Za vašu sigurnost, instalacije i ugađanje izvodi samo stručna osoba! **MK** - Za vašu bezbednost, instalacija i podesuвање се изведува само од специјалист! **PL** - Ze względów bezpieczeństwa instalację i strojenie wykonuje tylko specjalista! **P** - Para sua segurança, a instalação e o ajuste são realizados apenas por um especialista! **IT** - Per la tua sicurezza, l'installazione e la messa a punto vengono eseguite solo da uno specialista!

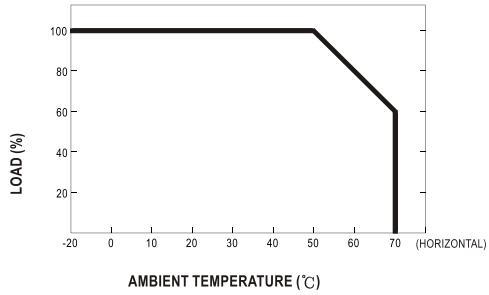
# SPECIFICATION

MODEL		SETDC60 / IP20
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	5 A
	CURRENT RANGE	0-5 A
	RATED POWER	60 W
	VOLTAGE ADJ. RANGE	10.8 - 13.2V
	VOLTAGE TOLERANCE	± 1.0%
INPUT	VOLTAGE RANGE	100 - 264VAC
	FREQUENCY RANGE	47 - 63Hz
	EFFICIENCY (Typ.)	72%
	AC CURRENT	1.05A
	LEAKAGE CURRENT	<2mA / 240VAC
PROTECTION	OVERLOAD	Above 105% rated output power
	OVER VOLTAGE	13.8 - 16.2V
ENVIRONMENT	WORKING TEMP.	-20 ~ +70°C (Refer to "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	± 0.03%/°C (0 ~ 50°C)
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH
	EMC EMISSION	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2,-3
	EMC IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-1, light industry level, criteria A
OTHERS	DIMENSION	110 x 78 x 38 mm (L/W/H)

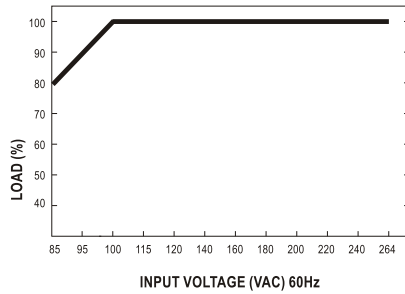
## Block Diagram



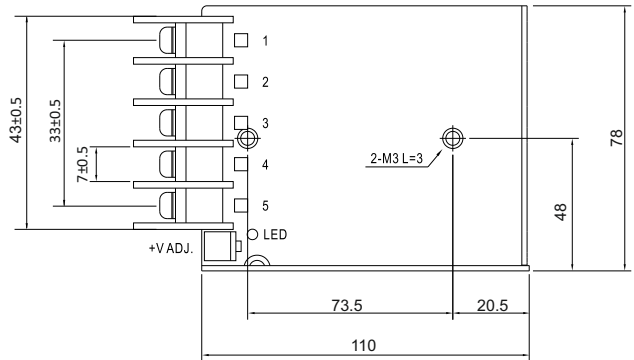
## Derating Curve



## Output Derating VS Input Voltage



## Mechanical Specification



Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG $\perp$		

