

SDS 060

DC/DC

49 W – 60 W



Country of Origin : Taiwan
 Operating Temperature : 0 ~ 70° C
 Dimension : 159 x 95 x 38 mm

Features:							
DC Input : A series : 12V / B series : 24V / C series : 48V (SDS-060 A/B/C)							
Soft start, low Inrush current							
Input & output isolation							
Input polarity reverse protection							
Input under / over voltage protection							
Over load, over voltage & short circuit protection							
100% 50°C burn-in test							
UL, c-UL, TÜV, CB, CE standard							
1 year warranty							
Specification:							
MODEL	SDS-060 A/B/C-3.3	SDS-060 A/B/C-5	SDS-060 A/B/C-12	SDS-060 A/B/C-15	SDS-060 A/B/C-24	SDS-060 A/B/C-48	SDS-060 A/B/C-48
OUTPUT	Voltage	3.3V	5V	12V	15V	24V	48V
	min. Load	0A	0A	0A	0A	0A	0A
	max. Load	15A	12A	5A	4A	2.5A	1.3A
	Tolerance	±3%	±2%	±1%	±1%	±1%	±1%
	Ripple & Noise (max)	50mV	50mV	100mV	120mV	150mV	240mV
Efficiency	68%	74%	76%	76%	76%	76%	76%
Max. Output Power	49.5W			60W			
Output Voltage adjustment range	± 10% of rated output voltage						
INPUT	Voltage	A series : DC 9.5V ~ 18V (Typical 12V) B series : DC 18V ~ 36V (Typical 24V) C series : DC 36V ~ 72V (Typical 48V)					
	Current	A series : < 9A @ 9.5VDC		B series : < 4.6A @ 18VDC		C series : < 2.4A @ 36VDC	
PROTECTION	Over Load	105 ~ 180% of rated output voltage, Shutdown, auto recovery after fault has been removed					
	Over Voltage	A series: > 19 ~ 23V / 3.3V: 3.8 ~ 4.6V		B series: > 37 ~ 42V / 5V: 5.8 ~ 7V		C series: > 73 ~ 78V / 12V: 13.8 ~ 17.5V / 15V: 17.3 ~ 21.0V / 24V: 27.6 ~ 33.6V / 48V: 55.2 ~ 67.2V	
	Over Temp.	-					
	Short Circuit	Shutdown, auto recovery after fault has been removed					
OTHERS	Rise time	< 20ms					
	Withstand Voltage	I/P-O/P: 2KVAC / I/P-FG: 1.5VAC / O/P-FG: 0.5KVAC current setting up by 10mA					
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 45 ~ 70°C: 2.0%/°C / Storage: -10 ~ 75°C					
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)					
Connection	7P/ 9.5mm pitch terminal block (right angle type optional)						
M.T.B.F.	> 340K hours (according to MIL-HDBK-217F at 25°C environment)						
SAFETY	meets: UL 60950 / CSA C22.2 No.60950 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94						
EMC	EMI	FCC CFR 47 PART 15 CLASS B / EN 50081-1 / CNS 13438 CLASS B					
	EMS	EN 50082-1 (1997) / EN61000-4-2,3,4,5,6,8,11					
WEIGHT	N.W.: 0.6 kg/pc						

Specifications subject to change without notice

Betriebsanleitung

Zu Ihrer Sicherheit:

- Das Netzteil ist weder spritzwassergeschützt noch wasserdicht.
- Das Netzteil darf nicht im Bad, in Feuchträumen oder im Freien betrieben werden
- Die Eingangsspannung ist zwingend einzuhalten
- Das Netzteil darf keiner direkten Sonneneinstrahlung oder sonstigen Wärmequelle ausgesetzt werden
- Öffnen Sie nicht das Gehäuse, das Netzteil ist wartungsfrei
- Die Angaben auf dem Datenblatt sind zwingend einzuhalten

Instruction Manual

For your own safety:

- The power supply is neither splash proof nor waterproof
- Do not use in bathrooms, in other rooms with high humidity or outside
- Use the correct power outlet voltage only.
- Do not expose the power supply to heat or direct sunlight
- Do not remove the unit's cover. No serviceable parts inside
- Abiding the technical specifications of this data sheet is mandatory

