

VDN40 (40 WATT)

(PRELIMINARY INFORMATION)

Description:

This product is a DC to DC power device for 40W with 19Vdc constant voltage and 2,1A(max.) current.

Features:

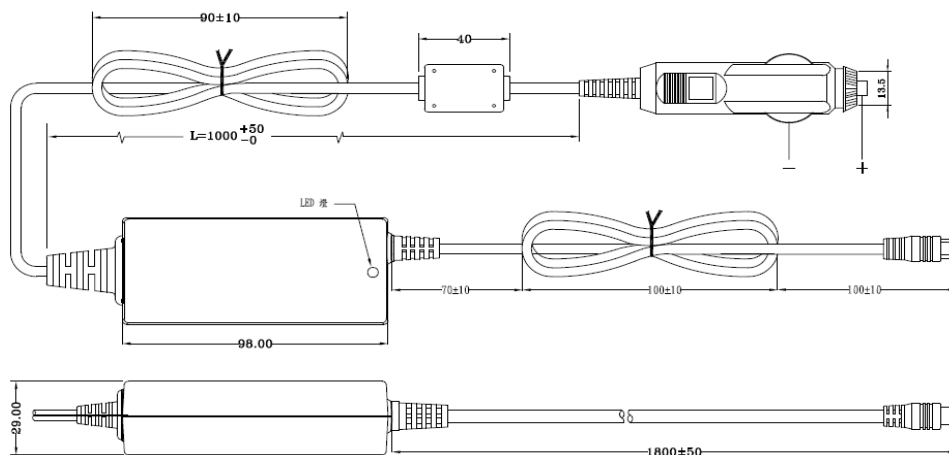
- Wide Range DC Input
- Output Power 40 Watt (max)
- Cigarette Lighter Receptacle Input
- Fully Regulated Output
- Fully Enclosed Plastic Case

Temperature & Humidity:

Operating Temperature Range:	0°C ~ +40°C
Storage Temperature Range:	-20°C ~ +85°C
Operating Relative Humidity:	20% ~ 80%
Storage Relative Humidity:	5% ~ 95%



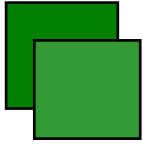
Dimensions: L x B x H



Power Systems – The Power Solution

Web: www.Power-Systems.de
 Email: Info@Power-Systems.de

Address: Hauptstr. 48 ; 74360 Illfeld-Auenstein / Germany
 Tel. : + 49 / 70 62 / 67 59 - 6
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Electrical Characteristics:

Input	Voltage Range	11 ~ 28Vdc
	Inrush Current	<500us @100A max / 12Vdc
	DC Current	6,8A
Output	DC Voltage VDN40-1900	19Vdc
	Current Range	0~ 2,1A
	Rated Power	40W
	Efficiency	>83%
	Rise Time	<50ms
	Rippel & Noise	210mVp-P
Protection	Short Circuit Protection	Pulsing Mode, Auto Recovery
	Over Voltage Protection	Auto Recovery
	Over Temperature Protection	

Safety / EMC Specification:

Safety Referring Standards	CE
EMI	CISPR 22

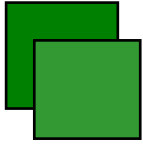
Order Key:

Model No.	Vout in Vdc	Iout in A	Pout in W
VDN40-1900	19	2,1	40

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DC-DC Power Supplies

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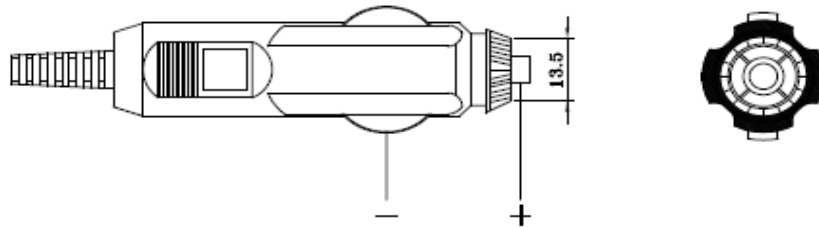
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Reliability:

MTBF: When the power supply is operating within the limits of this specification the MTBF shall be at least 100,000 hours at 25°C.

Burn In: The power supply shall undergo a minimum 4 hours burn-in test at 40°C ±5°C under rated current.

Input Terminal:



Output Terminal:



Note1: Ripple/Noise tested by dc-loading side parallel with a 10uF/E-Cap & 0.1uF/C-Cap and measured band-width DC-20MHz.

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