



INDUSTRIAL AND TELECOM APPLICATION POWER SUPPLIES

DC/DC CONVERTERS	switchmode technology
AC/DC RECTIFIERS	microprocessor managing and monitoring
DC/AC INVERTERS	building-block modules for PS systems of up to 100kW
AC/AC UPS MODULES	

SPECIAL PURPOSE POWER SUPPLIES

HIGH FREQUENCY PLASMA ARC POWER SOURCES
CW AND PULSED LASER POWER SUPPLY
EMERGENCY XENON FLASH LAMPS POWER SUPPLY

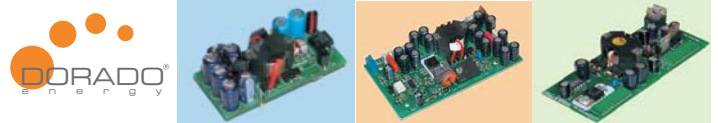
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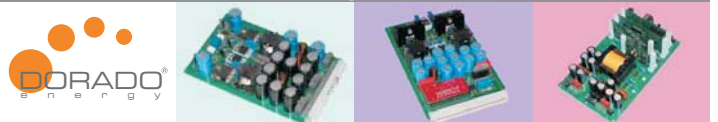
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DC/DC Converters - Wide Range and Low Noise Performances



	PULSAR 12	THETA 24/2	LYNX 48/6
Output power	10 W	20 W	20 W
Input voltage	36-75 V	9-36 V	36-60 V
Output voltage	2x5V	5V, 12V	14,12, 5, 5, 5, 15V
Output current	2x1A	2A, 1A	1A, 5X0.5A
Dimensions	1x2x0.5"	160x100x30mm	160x100x30mm
Efficiency	>75%	>83%	>85%
Static stability	±1%	±1%	±1%
Dyn. stability	5%	5%	5%
Vripple - 100kHz	10mVp-p	25mVp-p	50mVp-p
Spikes -	25mVp-p	35mVp-p	100mVp-p
Insulation voltage - I/O	500Vdc	1000Vdc	1000Vdc
Operating temperature	0-45°C	0-45°C	0-45°C
Order code	U1D100A24-5/5-PLS	U1D200A24-5/12-THT	U1D200A48-14/12/5/5/15-LNX

DC/DC Converters - Wide Range and Low Noise Performances



	ELLIPSE 48/3	LASER(1) 24/48	LASER(2) 6/12
Output power	40 W	100 W	100 W
Input voltage	36-75 V	9-36 V	5.5-33 V
Output voltage	5V, 12V, 12V	48V	12 V
Output current	3A, 2A, 0.5A	2/15A-peak	10/12A-peak
Dimensions	160x100x30mm	160x100x30mm	160x100x30mm
Efficiency	>85%	>92%	>72%
Static stability	±1%	±1%	±1%
Dyn. stability	5%	5%	5%
Vripple - 100kHz	25mVp-p	50mVp-p	50mVp-p
Spikes -	35mVp-p	100mVp-p	100mVp-p
Insulation voltage - I/O	1000Vdc	-	1000Vdc
Operating temperature	0-45°C	-20 - +60°C	-20 - +60°C
Order code	U1D400A48-5/12/12-ELS	U1D101A24-48-LS1	U1D101A-6-12-LS2