



Medical Product Line Product List

THE MEDICAL PRODUCT LINE

Medical Ultraminiature AC-DC/DC-DC Converters

- SMD/DIP/SIP package
- 4000VAC/6000VDC isolation
- Medical safety compliance



High isolation medical AC-DC converter product list

AC-DC medical power modules feature a universal input of either 85~264VAC, 50/60Hz or 120~370VDC. (From the same input pins). The modules feature low ripple & noise, input over-voltage protection, short-circuit protection, thermal protection, 4KV isolation and EMC compliance with IEC61000, UL60950, EN60601 and IEC60950 standards. They are ideal for medical applications such as patient monitoring, electrocardiograph, ultrasonic diagnostic systems, magnetic resonance imaging systems, and portable or home medical equipment.

Series	Power (W)	Input Voltage (V)	Output Voltage (V)	Isolation	Package	Certified	Page
LD05	5W	85~264VAC /120~370VDC	3.3,5,9,12,15,24	4000VAC	DIP	EN60601-1 Certified	13
LD10	10W	85~264VAC /120~370VDC	3.3,5,9,12,15,24	4000VAC	DIP	EN60601-1 Certified	13

High isolation medical DC-DC converter product list

DC-DC medical power modules feature ultra-miniature size, low isolation capacitance, good isolation to noise, continuous short circuit protection, SIP-DIP-SMT package options, and 6KV high isolation. The modules comply with IEC61000, UL60950, EN60601 and IEC 60950 standards. They can be widely used in medical equipment such as patient monitoring, electrocardiograph, ultrasonic diagnostic systems, magnetic resonance imaging systems, and portable or home medical equipment.

Series	Power (W)	Input Voltage (V)	Output Voltage (V)	Isolation	Package	Certified	Page
H_LT-2W	2W	5,12,24	5,12,15	6000VDC	SMD	EN60601-1 Certified	21
H_RN-2W	2W	5,12,24	5,12,15	6000VDC	DIP	EN60601-1 Certified	21
H_S-1W/G_S-1W	1W	5,12,24	5,12,15/±5,±12,±15	6000VDC	SIP	US (Partial)	25
H_S-2W/G_S-2W	2W	5,12,24	5,12,15/±5,±12,±15	6000VDC	SIP	EN60601-1 Certified	25
H_D-1W/2W	1W,2W	5,12,24	5,12,15	6000VDC	DIP	US (Partial)	25
G_D-1W/2W	1W,2W	5,12,24	±5,±12,±15	6000VDC	DIP	US (Partial)	25