

Highly reliable medical grade
DC/DC converters
that help to rescue lives



DC/DC

1W to 60W with patented 2xMOPP transformers for highest performance



Approvals

IEC/EN/ES 60601-1 3.1 Ed.
IEC/EN/UL 62368-1
IEC/EN/ES 60601-1-2 4 Ed.

ISO 14971/ ISO 13485

Risk Management
Manufacturing Process
and Construction

2xMOPP

8mm Clearance/ Creepage
for CF applied Part
Equipment

< 4.5µA

Low Leakage
Current

5000m

Operating
Altitude

-40 to +105°C

Operating
Temperature

5 Yrs

Warranty

Series	Output Power (W)	Input Ratio			Input Voltage Range (VDC)	Output Voltage										Efficiency (%)	Leakage Current max. (µA)	Package
		Semi-Regulated	2:1	4:1		3.3V	5V	5.1V	9V	12V	15V	24V	±5V	±12V	±15V			
MPU01	1				4.5-5.5, 9.6-14.4, 12-18, 19.2-28.8											85	2	SIP-9
MPL02	2				4.5-13.2, 9-18, 18-36											85	2	SIP-8
MPS02	2				4.5-12, 9-18, 18-36, 36-75											82	2	SMD-16 DIP-16
MPS04	3.5				4.5-12, 9-18, 18-36, 36-75											83	2	SMD-16 DIP-16
MPP03 MPP03W	3				4.5-9, 9-18, 18-36, 36-75 9-36, 18-75											87	2	DIP-24
MPP06 MPP06W	6				4.5-9, 9-18, 18-36, 36-75 9-36, 18-75											89	2	DIP-24
MPP10 MPP10W	10				4.5-9, 9-18, 18-36, 36-75 9-36, 18-75											89	2	DIP-24
MPM15 MPM15W	15				9-18, 18-36, 36-75 9-36, 18-75											90	2	1.6"x1"
MPM20 MPM20W	20				9-18, 18-36, 36-75 9-36, 18-75											90	2	1.6"x1"
MPD30 MPD30W	30				9-18, 18-36, 36-75 9-36, 18-75											90.5	2	2"x1"
MPQ60W	60				9-36, 18-75											92.5	4.5	Quarter Brick