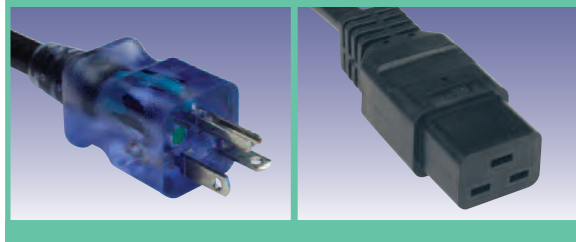


**Hospital Grade Cordsets
with the EN60320 C13**

UL Listed, CSA approved up to
15A/250V.

Other colors, color codes and lengths available.

Part No.	Plug	Color	Cable Type	Color	C.Code	Length	Connector	Color	Rating
458-M101	N5/15	Black	SJT 18AWGx3	Black	N.A.	10'/3.1m	C13	Black	10A/125V
458-M105	N5/15	Clear	SJT 18AWGx3	Black	N.A.	10'/3.1m	C13	Black	10A/125V
458-M121	N5/15	Gray	SJT 18AWGx3	Gray	N.A.	10'/3.1m	C13	Gray	10A/125V
458-M161	N5/15	Clear	SJT 18AWGx3	Gray	N.A.	10'/3.1m	C13	Clear	10A/125V
458-M103	N5/15	Black	SJT 16AWGx3	Black	N.A.	10'/3.1m	C13	Black	13A/125V
458-M123	N5/15	Gray	SJT 16AWGx3	Gray	N.A.	10'/3.1m	C13	Gray	13A/125V
458-M163	N5/15	Clear	SJT 16AWGx3	Gray	N.A.	10'/3.1m	C13	Clear	13A/125V
458-M164	N5/15	Clear	SJT 16AWGx3	Black	N.A.	10'/3.1m	C13	Black	13A/125V
458-M132	N5/15	Clear	SJT 14AWGx3	Black	N.A.	10'/3.1m	C13	Black	15A/125V
458-M133	N5/15	Clear	SJT 14AWGx3	Gray	N.A.	10'/3.1m	C13	Clear	15A/125V
458-M61541	N6/15	Clear	SJT 14AWGx3	Gray	N.A.	10'/3.1m	C13	Clear	15A/250V



**Hospital Grade Cordsets
with the EN60320 C19**

UL Listed, CSA approved up to
20A/250V.

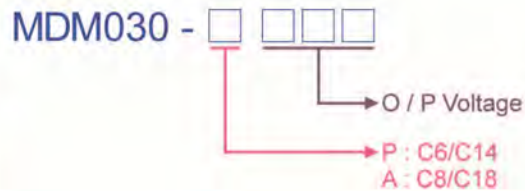
Also available with Right Angled EN60320 C19.

Part No.	Plug	Color	Cable Type	Color	C.Code	Length	Connector	Color	Rating
458-M167	N5/15	Black	SJT 14AWGx3	Black	N.A.	10'/3.1m	C19	Black	15A/125V
458-M167CE	N5/15	Black	SJT 14AWGx3	Black	CE	10'/3.1m	C19	Black	15A/125V
458-M171	N5/15	Clear	SJT 14AWGx3	Black	N.A.	10'/3.1m	C19	Black	15A/125V
458-M174	N5/15	Clear	SJT 14AWGx3	Gray	N.A.	10'/3.1m	C19	Gray	15A/125V
458-M61500	N6/15	Clear	SJT 14AWGx3	Black	CE	10'/3.1m	C19	Black	15A/250V
458-M61501	N6/15	Clear	SJT 14AWGx3	Gray	CE	10'/3.1m	C19	Gray	15A/250V
458-M52000	N5/20	Clear	SJT 12AWGx3	Black	CE	10'/3.1m	C19	Black	20A/125V
458-M52001	N5/20	Clear	SJT 12AWGx3	Gray	CE	10'/3.1m	C19	Gray	20A/125V
458-M62000	N6/20	Clear	SJT 12AWGx3	Black	CE	10'/3.1m	C19	Black	20A/250V
458-M62001	N6/20	Clear	SJT 12AWGx3	Gray	CE	10'/3.1m	C19	Gray	20A/250V



30 Watt Medical MDM030 Series

Desktop Type



Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
No Load Power Consumption Less Than 0.3W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- 100-240VAC Universal Input
- Single output to 30W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
MDM030-P/A050	5.0V	4.00A	20 W
MDM030-P051	5.0V	5.00A	25 W
MDM030-P/A075	7.5V	4.00A	30 W
MDM030-P/A090	9.0V	3.34A	30 W
MDM030-P/A120	12.0V	2.50A	30 W
MDM030-P/A150	15.0V	2.00A	30 W
MDM030-P/A180	18.0V	1.67A	30 W
MDM030-P/A240	24.0V	1.25A	30 W
MDM030-P360	36.0V	0.84A	30 W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.7A-0.45A
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C6,C8,C14,C18

Output

Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	20AWG / 18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

UL/ cUL/ FCC/ CE/ T-mark(TUV)

Electrical

Topology	Switching Flyback
Dielectric Withstand	4,000VAC Primary - Secondary
Leakage Current	0.25mA@2 Pin / 0.5mA@3Pin
Efficiency	Energy Star Level V & ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN60601-1-2
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

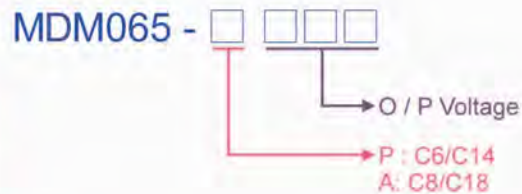
Mechanical

Case Dimension	L100 x W50 x H34 (mm) (Ref.)
Weight	210g (Ref.)



65 Watt Medical MDM065 Series

Desktop Type



Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
No Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- 100-240VAC Universal Input
- Single Output to 65W
- Regulated Output with Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
MDM065-P/A120	12V	5.00A	60 W
MDM065-P/A150	15V	4.34A	65 W
MDM065-P/A180	18V	3.62A	65 W
MDM065-P/A190	19V	3.43A	65 W
MDM065-P/A240	24V	2.71A	65 W
MDM065-P/A360	36V	1.81A	65 W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.6A-0.7A
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C6,C8,C14,C18

Output

Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection
DC Cord	18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals

CB/ UL/ cUL/ FCC/ CE/ T-mark(TUV)

Electrical

Topology	Switching Flyback
Dielectric Withstand	4,000VAC Primary - Secondary
Leakage Current	0.25mA @ 2 Pin / 0.5mA @ 3 Pin
Efficiency	Energy Star Level V & ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2
EMS Immunity	Compliance to EN60601-1-2
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating: 20 to 80% RH Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

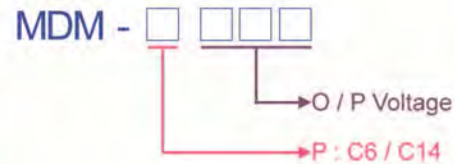
Mechanical

Case Dimension	L119 x W60 x H36 (mm) (Ref.)
Weight	350g (Ref.)



90 Watt Medical MDM090 Series

Desktop Type



Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
No Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- 100-240VAC Universal Input
- Single Output to 90W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Year Warranty

Safety Approvals

CB/ UL/ cUL/ FCC/ CE/ T-mark(TUV)

Electrical

Topology	Switching Flyback
Dielectric Withstand	4,000VAC Primary - Secondary
Leakage Current	0.5mA@3Pin
Efficiency	Energy Star Level V , ErP Stage 2
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to IEC60601-1-2
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Model	O/P Voltage	O/P Current	Watt
MDM090-P120	12V	7.50A	90W
MDM090-P150	15V	6.00A	90W
MDM090-P190	19V	4.74A	90W
MDM090-P240	24V	3.75A	90W
MDM090-P360	36V	2.50A	90W
MDM090-P480	48V	1.88A	90W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A-0.5A
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C6,C14

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Output

Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection
DC Cord	18AWG / 16AWG
Ferrite Core	Yes

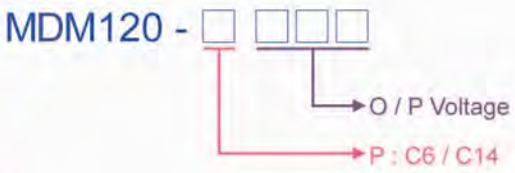
Mechanical

Case Dimension	L 168 × W 66 × H 39 (mm)
Weight	600g (Ref.)



120 Watt Medical MDM120 Series

Desktop Type



Green Mode
Meet CEC , Energy Star Level V , ErP Stage 2
No Load Power Consumption Less Than 0.5W

- Features :**
- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
 - 100-240VAC Universal Input
 - Single Output to 120W
 - Regulated Output With Low Ripple Noise
 - Safety Agency Requirements and EMI/EMS Certified
 - Private Label Marking Available
 - Modified and Custom Design Available
 - 2 Year Warranty

Model	O/P Voltage	O/P Current	Watt
MDM120-P120	12V	10.00A	120W
MDM120-P150	15V	8.00A	120W
MDM120-P190	19V	6.32A	120W
MDM120-P240	24V	5.00A	120W
MDM120-P360	36V	3.34A	120W
MDM120-P480	48V	2.50A	120W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.4A-0.5A
Protection	Internal Primary Current Fuse, Inrush Limiting
Configuration	IEC60320/C6,C14

Output	
Load Regulation	± 5% (Typical)
Ripple	1 ~ 2 % Vp-p Max.
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection
DC Cord	18AWG / 16AWG
Ferrite Core	Yes

Safety Approvals
CB/ UL/ cUL/ FCC/ CE/ T-mark(TUV)

Electrical	
Topology	LLC
Dielectric Withstand	4,000VAC Primary - Secondary
Leakage Current	0.5mA @ 3 Pin
Efficiency	Energy Star Level V , ErP Stage 2
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2
EMS Immunity	Compliance to EN60601-1-2
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

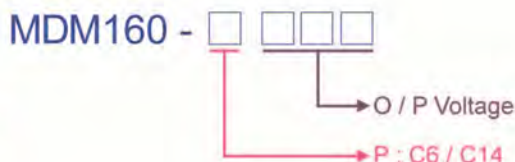
Environmental	
Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating: 20 to 80% RH Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Case Dimension	L 175 × W 74 × H 42 (mm)
Weight	660 g (Ref.)



160 Watt Medical MDM160 Series

Desktop Type



Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
No Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- 100-240VAC Universal Input
- Single Output to 160W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Year Warranty

Model	O/P Voltage	O/P Current	Watt
MDM160-P120	12V	12.5A	150W
MDM160-P190	19V	8.4A	160W
MDM160-P240	24V	6.6A	160W
MDM160-P480	48V	3.3A	160W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.8A-0.9A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C14

Output

Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-p Max.
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection
DC Cord	16AWG
Ferrite Core	NO(Optional)

Safety Approvals

CB/ UL/ cUL/ FCC/ CE/ T-mark(TUV)

Electrical

Topology	LLC
Dielectric Withstand	4,000VAC Primary - Secondary
Leakage Current	0.5mA@3Pin
Efficiency	Energy Star Level V , ErP Stage 2
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2
EMS Immunity	Compliance to IEC60601-1-2
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental

Operating Temperature	0 to +40°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Case Dimension	L 183 × W 81 × H 42 (mm)
Weight	680g (Ref.)



120 Watt Medical & IT Open Frame Power Supply MDM120-F Series



Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2
No Load Power Consumption Less Than 0.5W

Features :

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- Designed to Meet UL60950-1 , EN60950
- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements
- Private Label Marking Available
- Modified and Custom Design Available
- 2 Year Warranty

Safety Approvals

CB/ UL/ cUL/ T-mark(TUV)

Electrical

Topology	LLC
Dielectric Withstand	4,000VAC Primary - Secondary
Leakage Current	0.5mA@3Pin
Efficiency	Energy Star Level V , ErP Stage 2
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental

Operating Temperature	0 to +50°C
Storage Temperature	-20 to +80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Dimension	L 127 × W 76 × H 35 (mm) 5" x 3" x 1.4" (inch)
Weight	320g (Ref.)

Model	O/P Voltage	O/P Current	Watt
MDM120-F120	12V	10.0A	120W
MDM120-F150	15V	8.0A	120W
MDM120-F190	19V	6.3A	120W
MDM120-F240	24V	5.0A	120W
MDM120-F300	30V	4.0A	120W
MDM120-F480	48V	2.5A	120W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.5A-0.7A
Protection	Internal Primary Current Fuse
Configuration	2PIN Wafer

Output

Load Regulation	± 5% (Typical)
Ripple	1~2% Vp-p Max.
Transient Response	0.5mS for 50% Load Change Typical
Holdup Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection