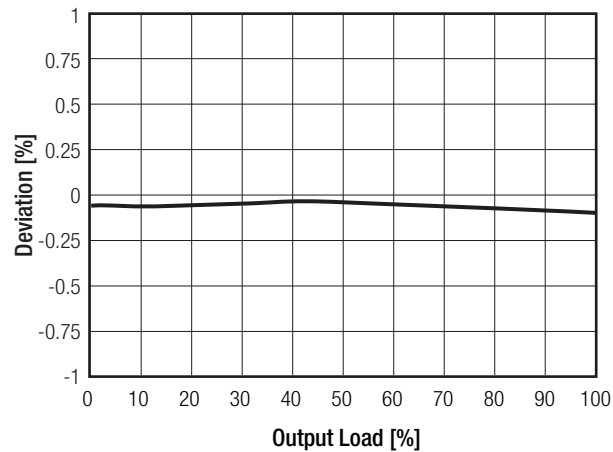


**Specifications** (measured @ Ta= 25°C, 230VAC, full load and after warm-up)

REGULATIONS		
Parameter	Condition	Value
Output Accuracy	230VAC, full load	±1.0%
Line Regulation	low line to high line, full load	±0.2%
Load Regulation	0% to 100% load	0.1% typ. / 0.5% max.
Transient Peak Deviation	load step from 50% - 75% change at 2.5A/μs	3.0% Vout max.
Transient Recovery Time	load step from 50% - 75% change at 2.5A/μs	500μs typ.

**Deviation vs. Load**



PROTECTIONS			
Parameter	Condition	Value	
Input Fuse	internal line and neutral	T3.15A / 250VAC, slow blow type	
Short Circuit Protection (SCP)		continuous, auto-recovery	
Over Load Protection (OLP)	% of Iout rated (Hiccup)	115% min. / 150% max.	
Over Voltage Protection (OVP)	% of Vout nominal (Latch off)	115% min. / 135% max.	
Isolation Voltage <sup>(5)</sup>	tested for 1 minute	I/P to O/P	4kVAC
		I/P to Case	2kVAC
		O/P to Case	2kVAC
Isolation Resistance	500VDC	100MΩ min.	
Insulation Grade		reinforced	
Leakage Current	264VAC	100μA max.	
Means of Protection	working voltage 250VAC/continuous	2MOPP	
Medical Device Classification		built-in power supply	
Internal	clearance	>8.0mm	
	creepage	>8.0mm	

**Notes:**

Note5: For repeat Hi-Pot testing, reduce the time and/or the test voltage

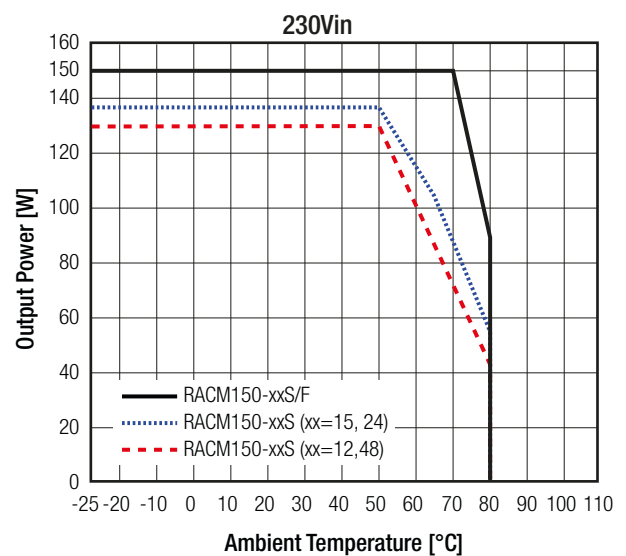
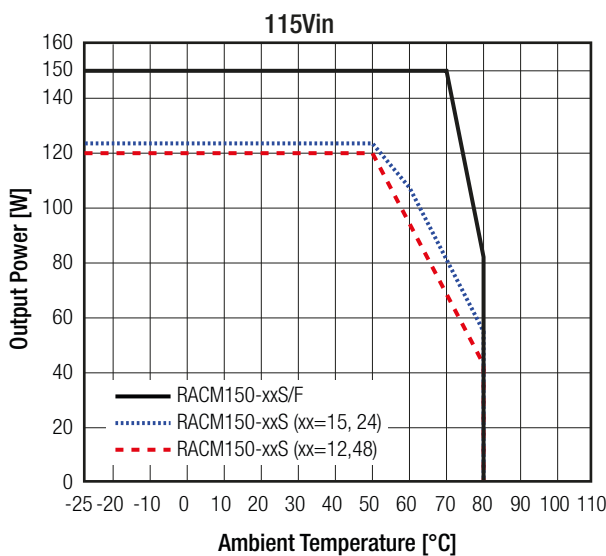
**Specifications** (measured @ Ta= 25°C, 230VAC, full load and after warm-up)

**ENVIRONMENTAL**

Parameter	Condition		Value
	without fan	with fan	
	refert to derating graph		-25°C to +80°C
			-25°C to +80°C
Temperature Coefficient			±0.02%/K
Operating Altitude			5000m max.
Operating Humidity	non-condensing		5% to 95% RH
Pollution Degree			PD2
MTBF	according to MIL-HDBK-217F, full load, +25°C		786.1 x 10 <sup>3</sup> hours

**Derating Graph**

(@ Chamber and natural convection 0.1m/s)



**SAFETY AND CERTIFICATIONS**

Certificate Type (Safety)	Report / File Number	Standard
Medical Electric Equipment, General Requirements for Safety and Essential Performance	E314885	CAN/CSA-C22.2 No. 60601-1:14 ANSI/AAMI ES60601-1:2005 + A2:2010
Medical Electric Equipment, General Requirements for Safety and Essential Performance (CB Scheme)	1408016004	IEC60601-1:2005 + C2:2007, 3rd Edition EN60601-1:2006
Information Technology Equipment - General Requirements for Safety (LVD)	TW1708008-001	EN60950-1:2006 + A2:2013
Information Technology Equipment - General Requirements for Safety		IEC60950-1:2005, 2nd Edition + A2:2013
EAC	RU-AT.49.09571	TP TC 004/2011 TP TC 004/2011
RoHs2+		RoHS-2011/65/EU + AM-2015/863

**EMC Compliance (Medical)**

Conditions	Standard / Criterion
Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic compatibility - Requirements and tests	EN60601-1-2:2015
Industrial, scientific and medical equipment – Radio frequency disturbance characteristics – Limits and methods of measurement	EN55011:2009 + A1:2010 Class B Conducted, Class A Radiated
Industrial, scientific and medical equipment - Radio frequency disturbance characteristics - Limits and methods of measurement	CISPR11:2009 + A1:2010 Class B Conducted, Class A Radiated

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