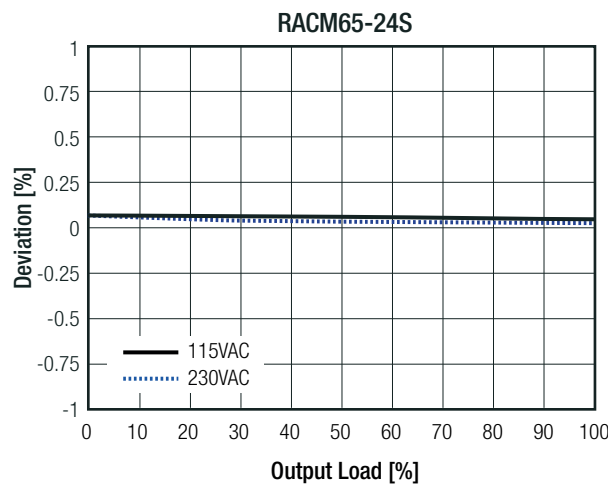


**Specifications** (measured at Ta= 25°C, 250VAC, full load and after warm-up)

REGULATIONS			
Parameter	Condition		Value
Set Voltage Accuracy	230VAC, full load		±1.0%
Line Voltage Regulation	low line to high line, full load		±0.2%
Load Voltage Regulation	0% to 100% load	5VDC	0.7%
		others	0.5%
	10% to 90% load	5VDC	0.6%
		others	0.4%
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		600μs typ.

**Deviation vs. Load**



PROTECTIONS			
Parameter	Condition		Value
Input Fuse	internal line neutral		T3.15A / 250VAC, slow blow type T3.15A / 250VAC, slow blow type
Short Circuit Protection (SCP)			continuous, auto-recovery
Over Load Protection (OLP)	% of Iout rated (Hiccup)		145% typ.
Over Voltage Protection (OVP)	% of Vout nominal (Latch off)		125% min / 140% max.
Isolation Voltage <sup>(5)</sup>	tested for 1 minute	I/P to O/P I/P to Case, O/P to Case	4kVAC 2.5kVAC
Isolation Resistance	500VDC		100MΩ min.
Insulation Grade			reinforced
Leakage Current	264VAC		75μA max.
Means of Protection	working voltage 250VAC/continuous		2MOPP
Medical Device Classification			built-in power supply
Internal	clearance creepage		>8.0mm >8.0mm
<b>Notes:</b>			
Note5: For repeat Hi-Pot testing, reduce the time and/or the test voltage			

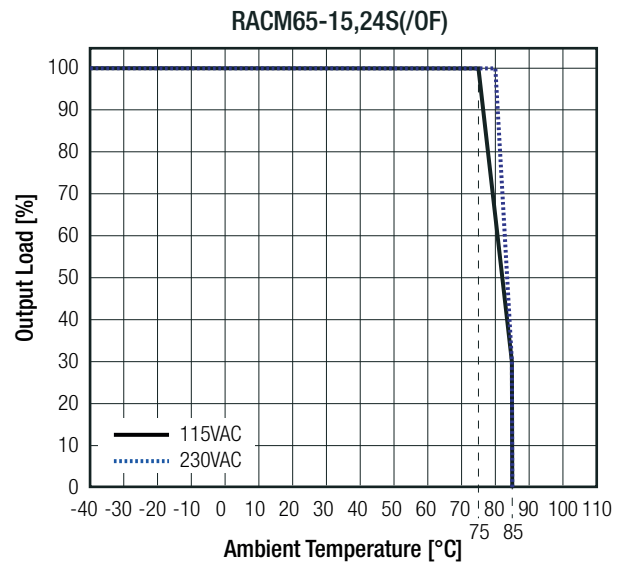
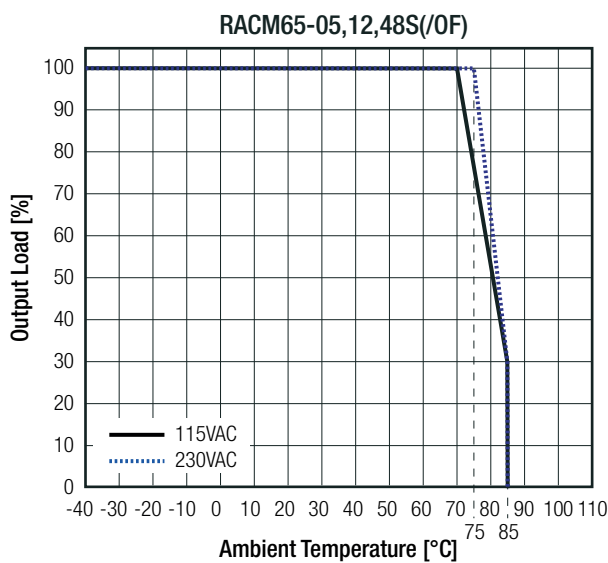
**Specifications** (measured at Ta= 25°C, 250VAC, full load and after warm-up)

**ENVIRONMENTAL**

Parameter	Condition	Value
Operating Temperature Range	refer to derating graph	-40°C to +85°C
Temperature Coefficient		±0.02%/K
Operating Altitude		5000m max.
Operating Humidity	non-condensing	5% to 95% RH
Pollution Degree		PD2
Shock		according to IEC60068-2-27
Vibration		according to IEC60068-2-6
MTBF	according to MIL-HDBK-217F, full load, +25°C	1494 x 10 <sup>3</sup> hours

**Derating Graph**

(@ 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)	151101203	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		CISPR11:2009 + A1:2010, Class B

continued on next page