60W ♦ Input: 100V-240VAC or 100V-277VAC



FEATURES

- 2"x3" & 2"x4" Open Frame, 2"x4" Enclosed
- Temperature rang: -40 to +85°C with derating
- Over voltage category OVC III
- 2MOPP medical certified
- Class B EMC filter built-in
- 2000/5000m (medical/ITE) operating altitude
- 3 year warranty



APPLICATIONS











SAFETY & EMC



















DESCRIPTION

The multi-purpose, industrial + household + medical grade AC/DC converter series RACM60-K/OF delivers 60 Watts of output power from -40°C to +55°C with natural air convection only, and up to +85°C with derating or forced cooling. With a clear focus on extended thermal performance for systems where space is limited, these 2" x 3" compact modules are designed to gain highest overall efficiency levels over the full output load range from universal AC inputs. The RACM60-K/OF has ANSI/AAMI ES60601-1 medical safety and EN 60601-1-2 medical EMC certifications and offers 4kVAC/1 min isolation, 2MOPP. It is additionally certified to IEC/EN62368-1(CB Report) and IEC61558-1/-2-16 for industrial applications and IEC/EN60335-1 for household appliances. The robust built-in Class B EMC filter has sufficient margin to allow both Installation Class II or Class I PELV with grounded output. A range of mechanical fixing options makes the RACM60 suitable for many different mounting conditions: the standard chassis mount part mates with Molex connectors and the /PCB option permits direct installation in printed circuit boards. Additionally, a 2" x 4" footprint for backwards-compatibility with legacy designs is available on request.

SELECTION GUIDE					
Part Number	Operating Input Range [VAC]	Output Voltage nom. [VDC]	Output Current nom. [mA]	Efficiency typ. ⁽¹⁾ [%]	Output Power continuous [W]
RACM60-05SK (3, 4, 5)	80-264 / 80-305	5	8000	89	40
RACM60-12SK (3, 4, 5)	80-264 / 80-305	12	5000	90	60
RACM60-15SK (3, 4, 5)	80-264 / 80-305	15	4000	90	60
RACM60-24SK (3, 4, 5)	80-264 / 80-305	24	2500	90	60
RACM60-36SK (3, 4)	80-264	36	1667	90	60
RACM60-48SK (3, 4, 5)	80-264 / 80-305	48	1250	90	60

Note1: Efficiency is tested at nominal input (230VAC) and full load at +25°C ambient

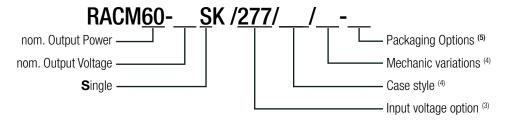
Note2: Measured @ T_{AMB}= 25C°, nom. V_{IN}, full load and after warm-up unless otherwise stated

Rev 5-2025

60W ♦ Input: 100V-240VAC or 100V-277VAC



MODEL NUMBERING



Note3: Add suffix "/277/OF" for wider input voltage range (80-305VAC)

Without suffix= standard input range (80-264VAC), check "ORDERING INFORMATION (5)"

For more information, refer to "Input Voltage Range (6,7)"

Note4: "/OF" = standard 2"x3" open frame version with standard connectors

"/OF/PCB = 2"x3" open frame with PCB mounting pins

"/OF/2x4" = 2"x4" open frame version with standard connectors

"/ENC/2x4" = 2"x4" version with metal enclosure and standard connectors (coming soon)

Note5: for packaging details refer to last page "PACKAGING INFORMATION"

ORDERING INFORMATION	ON ⁽⁵⁾				
Model	"/0F"	"/277/0F"	"/OF/PCB"	"/0F/2x4"	"/ENC/2x4"
RACM60-05SK	Х	Х	X	on request	on request
RACM60-12SK	Х	Х	Х	Х	Х
RACM60-15SK	Х	Х	on request	on request	on request
RACM60-24SK	Х	Х	Х	Х	Х
RACM60-36SK	Х	on request	on request	on request	on request
RACM60-48SK	Х	Х	on request	on request	on request

x= standard portfolio / on request= MOQ may apply on project base / N/A= not available

Parameter		Condition			Тур.	Max.
Internal Input Filter					Pi Type	
Nominal Input Voltage	50/60Hz	2	standard version "/277" version	100VAC		240VAC 277VAC
	standard ver	rsion	47-63Hz DC	80VAC 120VDC		264VAC 370VAC
Input Voltage Range (6, 7)	"/277" vers	sion	47-63Hz DC	80VAC 120VDC		305VAC 430VAC
Input Current		V_{IN} = 115VAC V_{IN} = 230VAC V_{IN} = 277VAC				1400mA 600mA 500mA
Inrush Current	cold start at 2	cold start at 25°C V _I				30A 60A 70A
ErP Standby Mode Conformity (Output Load Capability)	V _{IN} = 115/230/277VAC	Input Power:	0.5W 1.0W		0.3W 0.7W	
No Load Power Consumption		V_{IN} = 230VAC V_{IN} = 277VAC			100mW 120mW	
Input Frequency Range		AC Input		47Hz		63Hz
Minimum Load				0%		
Power Factor		V_{IN} = 115VAC V_{IN} = 230VAC V_{IN} = 277VAC				
Start-up time					150ms	
Rise time		V_{IN} = 115VAC V_{IN} = 230VAC V_{IN} = 277VAC			100ms	

60W ♦ Input: 100V-240VAC or 100V-277VAC



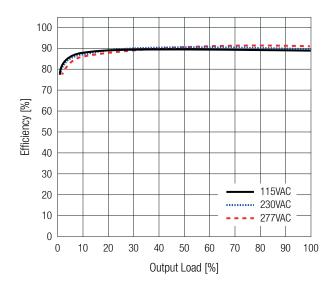
BASIC CHARACTERISTICS (measured @	T _{AMB} = 25°C, nom. V _{IN} , full load and af	ter warm-up unless other	wise stated)		
Parameter	Condition		Min.	Тур.	Max.
	V _{IN} = 115VA(<u> </u>	12ms		
Hold-up time	V _{IN} = 230VA0	50ms			
	V _{IN} = 277VA0	70ms			
Internal Operating Frequency	100% load at nominal V _N			100kHz	
Output Dipple and Naige (8)	20MHz DW	5Vout			200mVp-p
Output Ripple and Noise (8)	20MHz BW	others			1% of Vout

Note6: The products were submitted for safety files at AC-Input operation (90-264VAC)

Note7: Output power derating for Line-input of less than 90VAC (derate linearly from 100% at 90VAC to 80% at 80VAC)

Note8: Measurements are made with a 0.1µF MLCC & 10µF E-cap in parallel across output. (low ESR)

Efficiency vs. Load



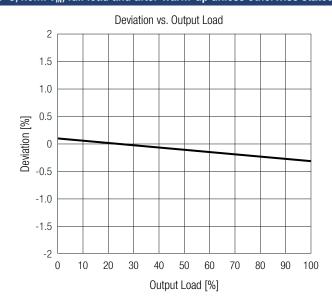
REGULATIONS (measure	d @ T _{amb} = 25°C, nom. V _{in} , full	load and after warm-up ur	nless otherwise stated)	
Parameter	Condition			Value
	standard ve	ersion	100% load	±2.0% typ.
Output Accuracy	"/277" ve	roion	5Vout	±3.0% typ.
	/2// Ve	121011	others	±1.0% typ.
	standard ve	ersion	low line to high line	±0.05% typ.
Line Regulation	"/277" version		5Vout	±0.5% typ.
	/2// Vel	181011	others	±0.05% typ.
			5VDC	±1.5% typ.
	standard version	10% to 100% load	12VDC, 15VDC	±0.5% typ.
Load Regulation (9)			24VDC, 36VDC, 48VDC	±0.1% typ.
Luau negulaliuli (*)			5VDC	±3.0% typ.
	"/277" version	10% to 100% load	12VDC, 15VDC	±0.8% typ.
			24VDC, 36VDC, 48VDC	±0.2% typ.
Transient Response		25% load step chan	ge	3.0% max.
		recovery time		500μs typ.

Note9: Operation below 10% load will not harm the converter, but specifications may not be met

60W ♦ Input: 100V-240VAC or 100V-277VAC



REGULATIONS (measured @ T_{AMB}= 25°C, nom. V_{IN}, full load and after warm-up unless otherwise stated)



PROTECTIONS (measured @ T _{AMB} = 25	5°C, nom. V _{IN} , full loa	ad and after warm-up unless otherwise stated)	
Parameter		Туре	Value
Input Fuse		internal	T3.15A, slow blow type
Short Circuit Protection (SCP)			hiccup, auto recovery
Over Voltage Protection (OVP)			105 - 120%, auto recovery
Output Reverse Voltage Protection			107 - 145%, auto recovery
Over Voltage Category (OVC) (10)	according to 62368-1, 61558-2-16, 60335-1, 60601-1		OVC II (up to 5000m)
	according to 61558-2-16		OVC III (up to 2000m)
Over Current Protection (OCP)			130% - 180%, hiccup mode
Thermal Shutdown		TC point IC 101	+130°C, restart after cool down
Class of Equipment			Class II
Isolation Voltage (safety certified) (11)	1 minute	I/P to O/P; according to 61558-2-16, 60601-1	4.2kVAC
Isolation Resistance		I/P to O/P, V _{ISO} = 500VDC	1GΩ min.
Isolation Capacitance	I/P to O/P, 100kHz/0.1V		100pF max.
Insulation Grade			reinforced
Means of Protection		319VAC working voltage	2MOPP

Note10: RACM60-xxK/277/OF models were submitted to safety agency for OVC III rating.

Note11: For repeat Hi-Pot testing, reduce the time and/or the test voltage

ENVIRONMENTAL (measured @ 1	T _{AMB} = 25°C, nom. V _{IN} , full load and af	ter warm-up unless otherwise stated	J)	
Parameter	Cor	Condition		
Operating Temperature Range	@ natural convection (0.1m/s)	refer to graphs below	-40°C to +85°C	
Temperature Coefficient			±0.02%/K	
O 11 AU1 1 (12)	according to 62368-1, 615	5000m (OVC II)		
Operating Altitude (12)	according t	2000m (OVC III)		
Operating Humidity	non-co	ondensing	95% max.	
Pollution Degree (PD)	safety rep	oort (UL/EN)	PD2	
Vibration	10-500Hz, 2G 10min./1cycle, p	period 60min. each along x,y,z axes	according to MIL-STD-202G	
MTBF	according to MIL-HDBK-217, G.B.	T _{AMB} = +25°C	>900 x 10 ³ hours	
	according to MIL-HDBK-217, G.B.	T _{AMB} = +40°C	>726 x 10 ³ hours	
Design Lifetime	nom. V _{IN} = 230VAC	T _{AMB} = +40°C	>42 x 10 ³ hours	

Note12: Recognized by safety agency for safe operation up to 4000/5000m. High altitude operation may impact the performance and lifetime Please contact RECOM tech support for advice

60W ♦ Input: 100V-240VAC or 100V-277VAC

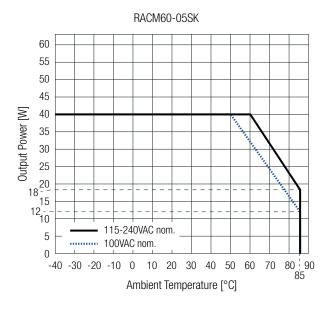


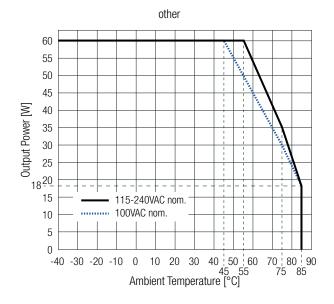
ENVIRONMENTAL (measured @ T_{AMB}= 25°C, nom. V_{IN}, full load and after warm-up unless otherwise stated)

Derating Graph non-/277/OF Versions

(@ Chamber and natural convection 0.1m/s)

Output power derating for line-input of less than 90VAC (derate linearly from 100% at 90VAC to 80% at 80VAC)

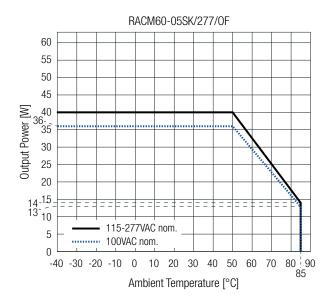


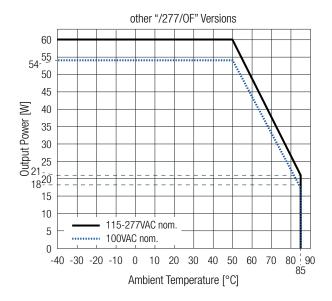


Derating Graph "/277/OF" Versions

(@ Chamber and natural convection 0.1m/s)

Output power derating for Line-input of less than 90VAC (derate linearly from 100% at 90VAC to 80% at 80VAC)

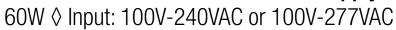




60W ♦ Input: 100V-240VAC or 100V-277VAC



SAFETY & CERTIFICATIONS Outline to Target (Outline)	Demand M. Albert	
Certificate Type (Safety)	Report Number	Standard
Medical electrical equipment Part 1: General requirements for basic safety and essential performance	E511305-D6004-UL	CAN/CSA-C22.2 No. 60601-1:14, Edition 3.2 ANSI/AAMI ES60601-1:2005 + A2:2010/R2012
Audio/Video, information and communication technology equipment - Safety requirements (CB Scheme)	CN21PMDW-001	IEC62368-1:2014 2nd Edition
Audio/Video, information and communication technology equipment - Safety requirements (LVD)	50355749 001	EN62368-1:2014 + A11:2017
Household and similar electrical appliances — Safety — Part 1: General requirements (LVD)	4384104.50	IEC60335-1:2010 5th Edition + A2:2016 EN60335-1:2012 + A15:2021
Standard for Class 2 Power Units (TÜV)	(RACM60-12SK/OF, RACM60-24SK/ OF only)	UL1310:2018 + R:2020-06
Safety of power transformers, power supplies, reactors & similar products for supply voltages up to 1100 V (CB Scheme)	50355750 001	IEC61558-1:2005 2nd Edition + A1:2009
Safety of power transformers, power supplies, reactors & similar products for supply voltages up to 1100 V Part 2: Particular requirements (CB Scheme)	(except "/277/0F" & "/ENC/2x4")	IEC61558-2-16:2009 1st Edition + A1:2013
Safety of power transformers, power supplies, reactors & similar products for supply voltages up to 1100V	50355751 001	EN61558-1:2005 + A1:2009
Safety of power transformers, power supplies, reactors & similar products for supply voltages up to 1100 V Part 2: Particular requirements	(except "/277/0F" &"/ENC/2x4")	EN61558-2-16:2009 + A1:2013
Safety of power transformers, power supplies, reactors and similar products for supply voltages up to 1100 V (CB Scheme)	085-210569701-000	IEC61558-1:2017
Safety of power transformers, power supplies, reactors and similar products for supply voltages up to 1100 V Part 2: Particular requirements (CB Scheme)	(OVC III)	IEC61558-2-16:2009 1st Edition + A1:2013
Safety of power transformers, power supplies, reactors and similar products for supply voltages up to 1100 $\mbox{\ensuremath{V}}$	64.210.21.05697.01	EN IEC 61558-1:2019
Safety of power transformers, power supplies, reactors and similar products for supply voltages up to 1100 V Part 2: Particular requirements	(OVC III)	EN61558-2-16:2009 + A1:2013
EMC Compliance (EN60601-1-2)	Condition	Standard / Criterion
Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic compatibility - Requirements and tests	LCS220321054BE	EN60601-1-2:2015+A1:2021 Class B, Group 1
ESD Electrostatic discharge immunity test	Air: ±2, 4, 8, 15kV Contact: ±2, 4, 8kV	EN61000-4-2:2009, Criteria B
Radiated, radio-frequency, electromagnetic field immunity test	9V/m (704-787MHz) 9V/m (5100-5800MHz) 10V/m (80-2700MHz) 27V/m (380-390MHz) 28V/m (430-470MHz) 28V/m (800-960MHz) 28V/m (1700-1990MHz) 28V/m (2400-2570MHz)	EN61000-4-3:2006+A2:2010, Criteria A
Fast Transient and Burst Immunity	AC Port: L-N 2kV	EN61000-4-4:2012, Criteria B
Surge Immunity	L-N: 1kV L (N)-PE: 2kV	EN61000-4-5:2014, Criteria B
Immunity to conducted disturbances, induced by radio-frequency fields	AC Port: 3Vrms: (0.15-80MHz) 6Vrms: (ISM and amateur radio bands according to table 9)	EN61000-4-6:2014, Criteria A
Power Magnetic Field Immunity	30A/m	EN61000-4-8:2010, Criteria A
Voltage Dips	100% (0.5P 1.0P), 30%	EN61000-4-11:2004, Criteria B
Voltage Interruptions	100%	EN61000-4-11:2004, Criteria B
Limits of Voltage Fluctuations & Flicker	LCS220321054BE	EN61000-3-3:2013





SAFETY & CERTIFICATIONS		
EMC Compliance (EN55032)	Condition	Standard / Criterion
Electromagnetic compatibility of multimedia equipment - Emission requirements	LCS220321053BE	EN55032:2015+A1:2020, Class B
Electromagnetic compatibility of multimedia equipment - Immunity requirements	L00220021000DL	EN55035:2017+A11:2020
ESD Electrostatic discharge immunity test	Air: ±2, 4, 8kV Contact: ±2, 4kV	EN61000-4-2:2009, Criteria B
Radiated, radio-frequency, electromagnetic field immunity test	3 V/m (80-5000MHz)	EN61000-4-3:2006+A2:2010, Criteria A
Fast Transient and Burst Immunity	AC Port: L-N 1kV	EN61000-4-4:2004+A1:2010, Criteria B
Surge Immunity	L-N: 1kV L (N)-PE: 2kV	EN61000-4-5:2014 + A1:2017, Criteria B
Immunity to conducted disturbances, induced by radio-frequency fields	AC Port: 3Vrms (0.15-10MHz) 3-1Vrms (10-30MHz) 1Vrms (30-80MHz)	EN61000-4-6:2014+A1:2015, Criteria A
Power Magnetic Field Immunity	1A/m	EN61000-4-8:2010, Criteria A
Voltage Dips and Interruptions	Dips: 100% 30% Interruptions:100%	EN61000-4-11:2004+A1:2017, Criteria B EN61000-4-11:2004+A1:2017, Criteria C EN61000-4-11:2004+A1:2017, Criteria C
Limits of Voltage Fluctuations & Flicker	LCS220321053BE	EN61000-3-3:2013
EMC Compliance (EN61204-3)	Condition	Standard / Criterion
Low voltage power supplies, d.c. output Part 3: Electromagnetic compatibility (EMC)	LCS220321055BE	EN/IEC61204-3:2018, Class B
ESD Electrostatic discharge immunity test	Air: ±2, 4, 8kV Contact: ±2, 4kV	EN61000-4-2:2009, Criteria B
Radiated, radio-frequency, electromagnetic field immunity test	10V/m (80-1000MHz) 3V/m (1400-2000MHz) 1V/m (2000-2700MHz)	EN61000-4-3:2006+A2:2010, Criteria A
Fast Transient and Burst Immunity	AC Port: L-N 2kV	EN61000-4-4:2012, Criteria B
Surge Immunity	L-N: 1kV L (N)-PE: 2kV	EN61000-4-5:2014 + A1:2017, Criteria B
Immunity to conducted disturbances, induced by radio-frequency fields	AC Port: 10Vrms (0.15-80MHz)	EN61000-4-6:2014+A1:2015, Criteria A
Power Magnetic Field Immunity	30A/m	EN61000-4-8:2010, Criteria A
Voltage Dips and Interruptions	Dips: 100% (0.5P, 1.0P) 30% or 20% Interruptions:100%	EN61000-4-11:2004 +A1:2017, Criteria B EN61000-4-11:2004 +A1:2017, Criteria B EN61000-4-11:2004 +A1:2017, Criteria C
Limits of Voltage Fluctuations & Flicker	LCS220321055BE	EN61000-3-3:2013+A2:2021
Limitations on the amount of electromagnetic interference allowed from digital and electronic devices	WTD22D04060199E	FCC 47 CFR Part 15:2020 Subpart B
Limitations on the amount of electromagnetic interference allowed from digital and	WTD22D04060215E	FOC 47 CFD Doct 10,2020
electronic devices, industrial, scientific, and medical equipment	W1D22D04000213E	FCC 47 CFR Part 18:2020

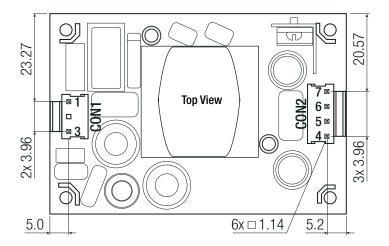
DIMENSION & PHYSICAL CHARACTERISTICS				
Parameter	Туре	Value		
Material	PCB	FR4, (UL94 V-0)		
	"/OF" and type	78.4 x 53.0 x 31.5mm		
	"/277/0F" type	76.2 x 50.8 x 32.0mm		
Dimension (LxWxH)	"/OF/PCB" type	78.4 x 53.0 x 35.4mm		
	"/OF/2x4" type	101.6 x 53.0 x 31.5mm		
	"/ENC/2x4" type	118.3 x 62.7 x 38.7mm		
	"/OF"; "/277/OF" and "/OF/PCB" types	111g typ.		
Weight	"/OF/2x4" type	120g typ.		
	"/ENC/2x4" type	167g typ.		

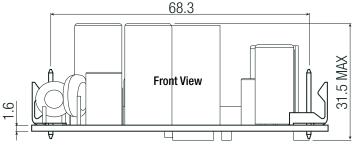
60W ♦ Input: 100V-240VAC or 100V-277VAC

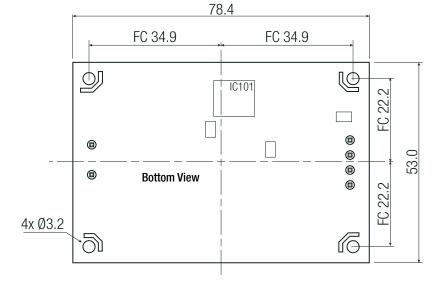


DIMENSION & PHYSICAL CHARACTERISTICS

Dimension Drawing "/OF" (mm)

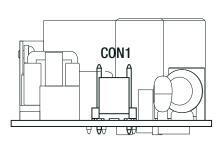




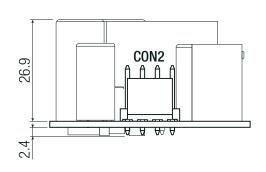




AC Input Side View



DC Output Side View



Connector Information - SINGLE/DUAL

#	Function	Terminal			
	AC Input (CON1)				
1	VAC in (N)	3 Pins (Pin2 removed)			
3	VAC in (L)	with 3.96mm pitch			
	DC Output C	Connector (CON2)			
4, 5	-VDC out	4 Pins			
6, 7	+VDC out	with 3.96mm pitch			

FC= fixing centers

Compatible Connector

Companible Connector
Housing
Molex 41695 Series or equivalent
Crimp Terminal
Molex 2478 Series or equivalent

Rev. 5-2025

	according to ISO 2768-m reference only)
Dimension range	Tolerances
0.5 - 6 mm	±0.1 mm
6 - 30 mm	±0.2 mm
30 - 120 mm	±0.3 mm
120 - 400 mm	±0.5 mm

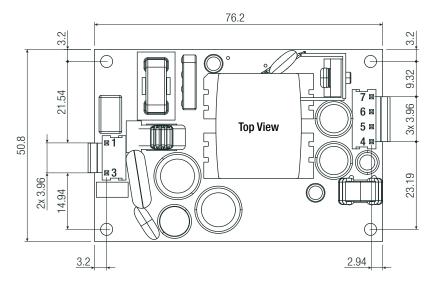
60W ♦ Input: 100V-240VAC or 100V-277VAC

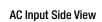


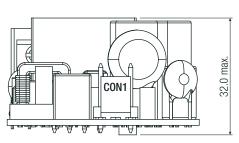
DIMENSION & PHYSICAL CHARACTERISTICS

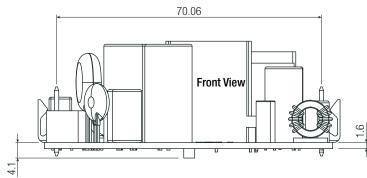
Dimension Drawing "/277/0F" (mm)

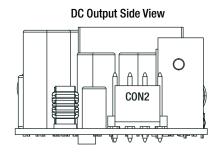


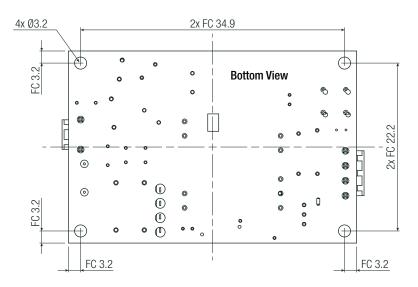












Connector Information

#	Function	Terminal
AC Input (CON1)		
1	VAC in (N)	3 Pins (Pin2 removed)
3	VAC in (L)	with 3.96mm pitch
DC Output (CON2)		
4, 5	-VDC out	4 Pins
6, 7	+VDC out	with 3.96mm pitch
LC tiv		

FC= fixing centers

Compatible Connector

Housing		
Molex 41695 Series or equivalent		
Crimp Terminal		
Molex 2478 Series or equivalent		

General tolerances according to ISO 2768-r (table for reference only)		
Dimension range	Tolerances	
0.5 - 6 mm	±0.1 mm	
6 - 30 mm	±0.2 mm	
30 - 120 mm	±0.3 mm	
120 - 400 mm	±0.5 mm	

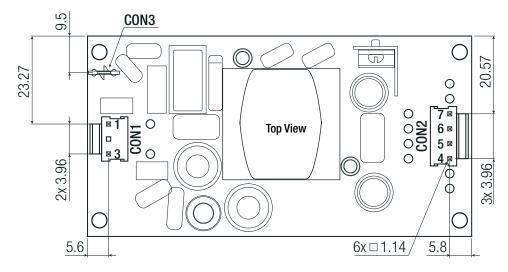
60W ♦ Input: 100V-240VAC or 100V-277VAC



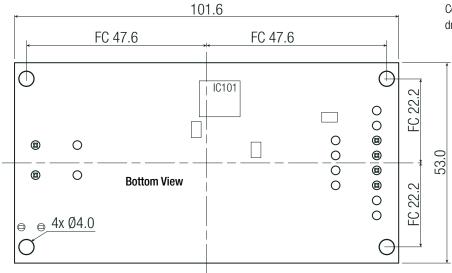
DIMENSION & PHYSICAL CHARACTERISTICS

Dimension Drawing "/OF/2x4" (mm)





90.23 Front View Front View



Connector Information

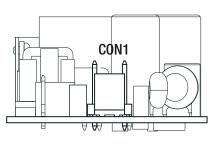
#	Function	Terminal	
	AC Input (CON1)		
1	VAC in (N)	3 Pins (Pin2 removed)	
3	VAC in (L)	with 3.96mm pitch	
DC Output (CON2)			
4, 5	-VDC out	4 Pins	
6, 7	+VDC out	with 3.96mm pitch	
FE (CON3)		CON3)	
8	functional	fast on	
O	earth	iast VII	

FC= fixing centers

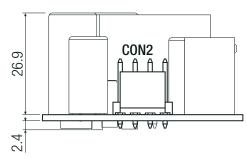
Compatible connector please refer to "/OF" drawing

Compatible Connector

AC Input Side



DC Output Side



General tolerances according to ISO 2768-m			
(table for reference only)			

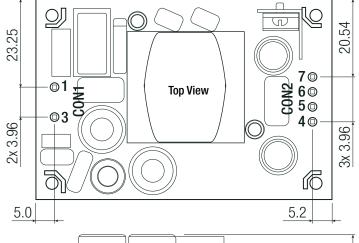
(,,
Dimension range	Tolerances
0.5 - 6 mm	±0.1 mm
6 - 30 mm	±0.2 mm
30 - 120 mm	±0.3 mm
120 - 400 mm	±0.5 mm

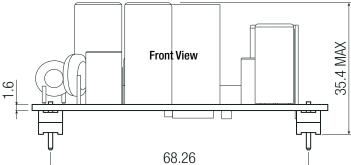
60W ♦ Input: 100V-240VAC or 100V-277VAC

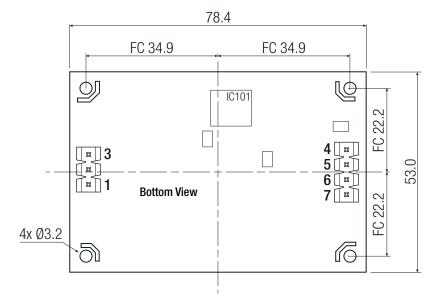


DIMENSION & PHYSICAL CHARACTERISTICS

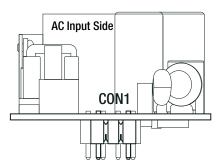
Dimension Drawing "/OF/PCB" (mm)

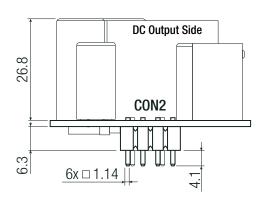












Connector Information

#	Function	Terminal
AC Input (CON1)		
1	VAC in (N)	3 Pins (Pin2 removed)
3	VAC in (L)	with 3.96mm pitch
DC Output (CON2)		
4, 5	-VDC out	4 Pins
6, 7	+VDC out	with 3.96mm pitch
=0 (1.1		

FC= fixing centers

Color of the connector may alternatively appear black or white related to the batch of product

General tolerances according to ISO 2768-m (table for reference only)		
Dimension range	Tolerances	
0.5 - 6 mm	±0.1 mm	
6 - 30 mm	±0.2 mm	
30 - 120 mm	±0.3 mm	
120 - 400 mm	±0.5 mm	

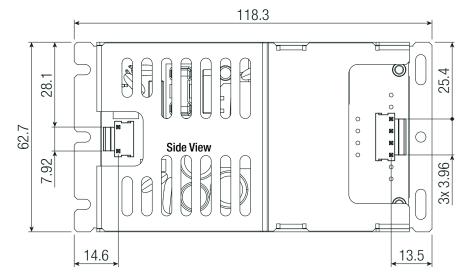
60W ♦ Input: 100V-240VAC or 100V-277VAC

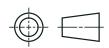


DIMENSION & PHYSICAL CHARACTERISTICS

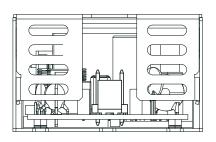
Dimension Drawing "/ENC" (mm)

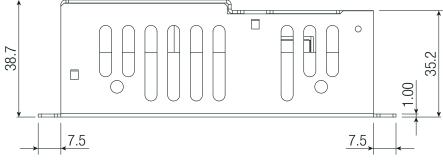
Top View

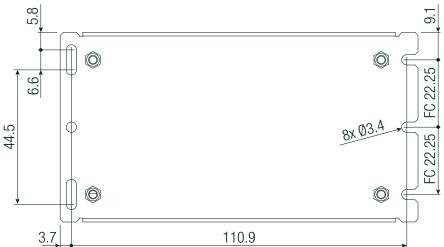




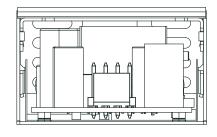
AC Input Side







DC Output Side



Connector Information

#	Function	Terminal
AC Input (CON1)		
1	VAC in (N)	3 Pins (Pin2 removed)
3	VAC in (L)	with 3.96mm pitch
DC Output (CON2)		
4, 5	-VDC out	4 Pins
6, 7	+VDC out	with 3.96mm pitch
FC= fixi	ng centers	

General tolerances according to ISO 2768-m (table for reference only)		
Dimension range	Tolerances	
0.5 - 6 mm	±0.1 mm	
6 - 30 mm	±0.2 mm	
30 - 120 mm	±0.3 mm	
120 - 400 mm	±0.5 mm	

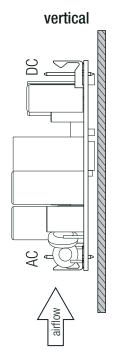
60W ♦ Input: 100V-240VAC or 100V-277VAC

airflow



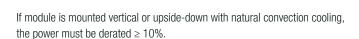
INSTALLATION AND APPLICATION

Mounting

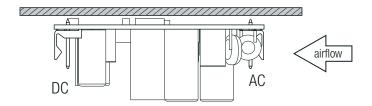


Installation Instructions

horizontal (standard) AC DC

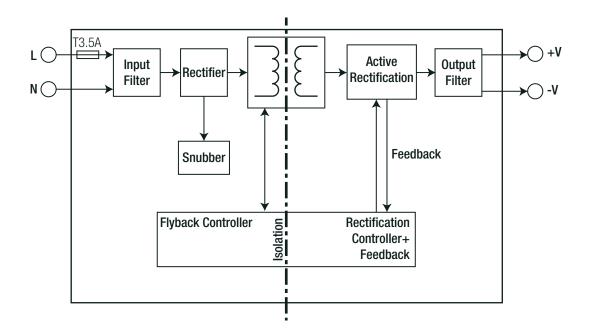


upside-down



BLOCK DIAGRAM

Blockdiagram ("/0F", "/277/0F" and "/0F/PCB")

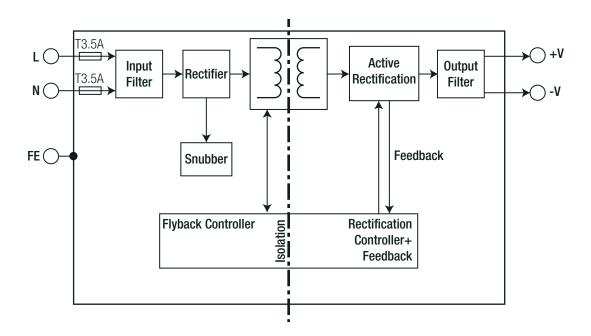


60W ♦ Input: 100V-240VAC or 100V-277VAC

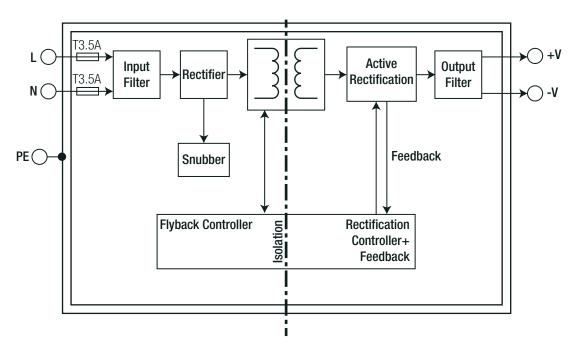


BLOCK DIAGRAM

Blockdiagram ("/0F/2x4")



Blockdiagram ("/ENC/2x4")



60W ♦ Input: 100V-240VAC or 100V-277VAC



PACKAGING INFORMATION				
Parameter		Туре	Value	
Packaging Dimension (LxWxH)	"/OF" type	cardboard box (single pack)	65.0 x 55.0 x 95.0mm	
	"/OF/2x4" type	caruboaru box (sirigie pack)	65.0 x 50.0 x 110.0mm	
	"/277/0F-T" type		215.0 x 365.0 x 62.0mm	
	"/OF/PCB-T" type	single tray (carton)	365.0 x 210.0 x 56.0mm	
	"/ENC/2x4" type		405.0 x 360.0 x 85.0mm	
	"/OF-CTN" type	tray in carton (project pack)	375.0 x 220.0 x 245.0mm	
Packaging Quantity	"/OF" type a	nd "/OF/2x4" type	1pcs	
	"/277/0F-T" ar	nd "/OF/PCB-T" type	12pcs	
	"/ENC	C/2x4" type	18pcs	
	"/OF-CTN" typ	e, MOQ= 1152pcs	48pcs	
Storage Temperature Range			-40°C to +90°C	
Storage Humidity	non-c	condensing	95% max.	

ORDERING EXAMPLES										
Part Number	Input Voltage Range [VAC]	Output Voltage nom. [VDC]	Size	Туре	Connection	Quantity	Packaging Type			
RACM60-05SK/0F	80-264	5	2"x3"	open frame	standard connector	1pc	cardboard box			
RACM60-24SK/0F/PCB-T	80-264	24	2"x3"	open frame	PCB mounting pins	12pcs	tray			
RACM60-12SK/0F/2x4	80-264	12	2"x4"	open frame	standard connector	1pc	cardboard box			
RACM60-05SK/277/0F-T	80-305	5	2"x3"	open frame	standard connector	12pcs	tray			
RACM60-24SK/ENC/2x4	80-264	24	2"x4"	enclosed	standard connector	18pcs	tray			
RACM60-12SK/OF-CTN	80-264	12	2"x4"	open frame	standard connector	48pcs (MOQ= 1152pcs)	carton			

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