

Single-phase isolation transformer
ISO-MED range
FOR USE IN A MEDICAL ENVIRONMENT

natural cooling in an AIR type AN, impregnated in resin and tropicalized.

Separate electrolytic COPPER windings

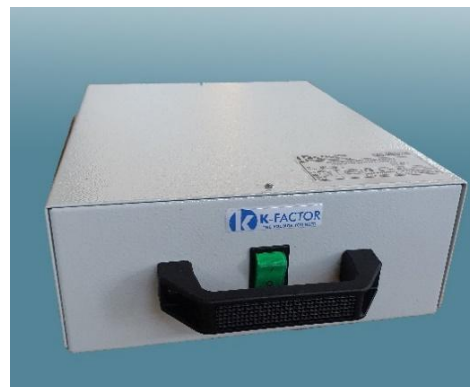
COPPER ELECTROSTATIC SCREEN BETWEEN PRIMARY AND SECONDARY

GROUND CONNECTED

POWER LOCK CABLE

SHOCK-PROTECTED SWITCH

THREADED HOLES ON THE BOTTOM FOR HORIZONTAL OR VERTICAL MOUNTING



SPECIFICATIONS

Rated power:	From 300VA to 2000VA	 
Input voltage:	230V (220V)	
Output voltage:	230V (220V)	
Frequency:	50/60 Hz	
Degree of protection of the transformer	IP00	
Protection class:	I	
Thermal insulation class:	F	
Thermal class of the winding:	F-H	
Ambient temperature:	25°C	
Max temperature rise:	80°C	
Max voltage drop:	3,5%	
Short circuit voltage:	5% max	
Full load efficiency	> 97%	
Cooling	AN	
Max relative humidity (non-condensing)	95%	
Operating altitude	up to 1000 m without derating	
EEC Directives	Dir. 2014/35/EU – Dir. 2014/30/EU – Dir. MDR	
Rules applied:	EN 61558-1, EN61558-2-4	
	EN 60601-1:2006/AC:2010/A11:2011/A1:2013	
	Medical electrical equipment Part 1: General rules for safety	
ECCN	EAR99	
WEEE category	5	

EQUIPMENT	300-500VA	800-1000VA	1500-2000VA
MOUNTED IN STEEL SHEET ENCLOSURE IP21 PAINTED RAL7035	X	X	X
VERY LOW PROFILE ENCLOSURE with toroidal transformer	X	X	X
LIFTING HANDLE with protection from unwanted shutdown		X	X
10A GREEN LIGHT BIPOLAR INPUT SWITCH ON FRONT	X	X	X
PANEL INPUT PLUG C14 EN60320-1 STANDARD WITH BIPOLAR FUSE HOLDER	X	X	X
2 DELAYED FUSES SUPPLIED WITH CURRENT ADEQUATE TO THE MAX.POWER	X	X	X
POWER CABLE WITH SCHUKO PLUG 2P+T with mechanical interlock (LOCK)	X	X	X
Auxiliary ground contact for equipotential connectors	X	X	X
SOCKETS according to EN60320-2 C13 OUTPUT MAX10A	4	8	8
THERMAL/DC PROTECTION resettable ON PRIMARY of TRANSFORMER	X	X	X
Output fuse of adequate capacity to the maximum power	X	X	X
Removable ABS PANEL 6mm. for mechanical locking plugs output	X	X	X
Anti-vibration and non-slip rubber feet	X	X	X
Threaded holes on the bottom for fixing with M4 screws on pre-drilled base	X	X	X
Rating plate, manual, CE certificate	X	X	X
Case dimensions (mm., WxDxH)	170x230x80	300x240x100	320x270x100
Overall size (mm, WxDxH) con handles and rubber feet	185x230x86	240x340x115	270x360x115
Weight	kg.4 - 7	10 - 12	14 - 18

Technical data and images may be subject to a change without notice

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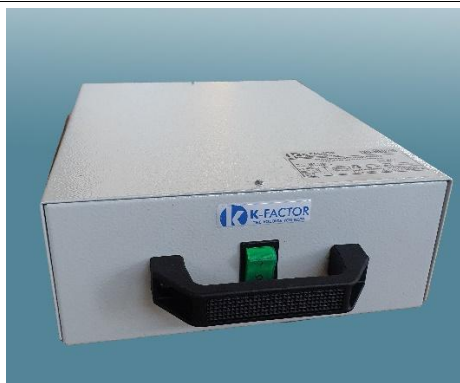
Therear luminaire

300VA	ISO-MED079	PROG. REP.MED. # 2305008	GTIN: 8054346690007
500VA	ISO-MED119	PROG. REP.MED. # 2305024	GTIN: 8054346690014



Therear luminaire

800VA	ISO-MED171	PROG. REP.MED. # 2305034	GTIN: 8054346690021
1000VA	ISO-MED179	PROG. REP.MED. # 2305035	GTIN: 8054346690038



Therear luminaire

1500VA	ISO-MED199	PROG. REP.MED. # 2305038	GTIN: 8054346690045
2000VA	ISO-MED219	PROG. REP.MED. # 2305039	GTIN: 8054346690052

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The product is supplied as standard with a mechanical locking system of the outgoing plugs that prevents unwanted detachment if the cable is pulled.

The correct connection of the network cable is ensured by the lock system that blocks the mobile input socket to the panel plug that can only be unlocked by pressing the appropriate button.

The product can also be fixed from the bottom, being equipped with 4 reinforced threaded holes that allow, using M4 screws, to mount the product irremovably on a pre-drilled base, according to the fixing centers shown on the characteristics table

On the back side there is a POAG plug connector for earth connection

OPTIONAL ACCESSORIES

CAV03 CABLE 3X1 L.=2MT. Plug IEC60320 C14 – Socket IEC60320 C13

(allows direct output connection of equipment powered by IEC60320 panel plug)



PSC14C5 cable 1.8m 3x0.75 IEC60320 C14 3 pin male to C5 3 pin female

(allows the connection from the IEC60320 C13 panel output to a portable power supply equipped with a fixed three-pole clover plug compatible with the socket shown in the figure)



PSIEC145 adapter IEC C14 3 pin male TO C5 3 pin female

(allows the connection of a normal power cable with IEC60320 C13 socket to a portable power supply equipped with a fixed three-pole clover plug compatible with the socket shown in the figure)



PRE6+IEC multiple 6-outlets socket – cable with IEC60320 C14 plug

(note: part PRE6+IEC is not made according to EN60601)



CAV11 SUPPLY CABLE EXTENTION 3X1 L.=3M. PLUG IEC60320 C14 SOCKET IEC60320 C13 WITH LOCK SYSTEM



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