

F / POWER LED DRIVER

SAGIT

Input: 120/220-240 V 50/60 Hz

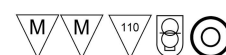
Output: 12/24 V 60/100/150 W

FEATURES

Made in Italy	PFC built-in
Constant voltage	7 years warranty
Wide input range	Lifetime > 100.000h
Indoor and outdoor use	Flickering free
Epoxy resin case (patent pending)	Dimmable with external accessories
Surge protection (line-neutral) up to 3kV	Very low output ripple



CE



IP68 - SELV - RoHS


Suitable for LED stripes and modules

Item Code	AC INPUT				DC OUTPUT				
	Mains	Efficiency	Inrush current (max)	Input current (max)	Output voltage (± 2.5%)	Output current	Output ripple	Output power (EN61000-3-2 class C)	
	Vac Hz	%	A	A	Vdc	Adc	mVpp	max W	min W
SAGIT 60W 12V IP68 OTP FD3F2Z82	120-240 50/60	>85	40	0.7-0.35	12	5	500	60	5
SAGIT 100W 12V IP68 OTP FD3H2Z82	120-240 50/60	>85	40	1.1-0.52	12	8.3	500	100	5
SAGIT 150W 12V IP68 OTP FD3J2Z82	220-240 50/60	>85	40	0.75	12	12.5	500	150	5
SAGIT 60W 24V IP68 OTP FD3F3Z82	120-240 50/60	>85	40	0.7-0.35	24	2.5	500	60	5
SAGIT 100W 24V IP68 OTP FD3H3Z82	120-240 50/60	>85	40	1.1-0.52	24	4.15	500	100	5
SAGIT 150W 24V IP68 OTP FD3J3Z82	120-240 50/60	>85	40	0.75	24	6.25	500	150	5

Safety & EMC	
EMC	EN 55015 EN 61000-3-2 EN61000-3-3 EN 61547
Safety Standard	EN 61347-1 EN 61347-2-13
IP	EN 60529
RoHS	EN 50581
Insulation Class	Classe II equivalent

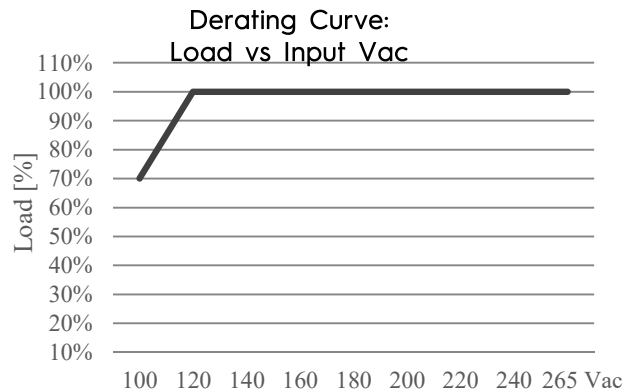
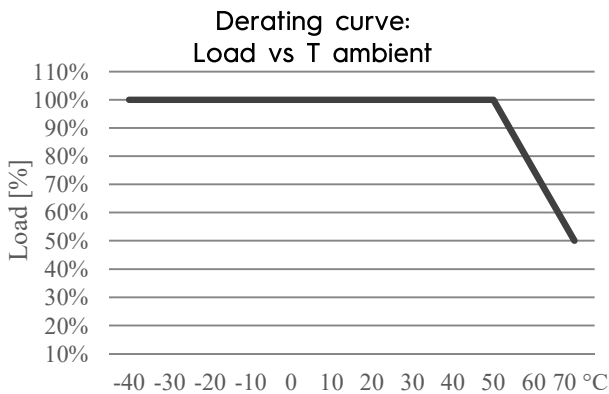
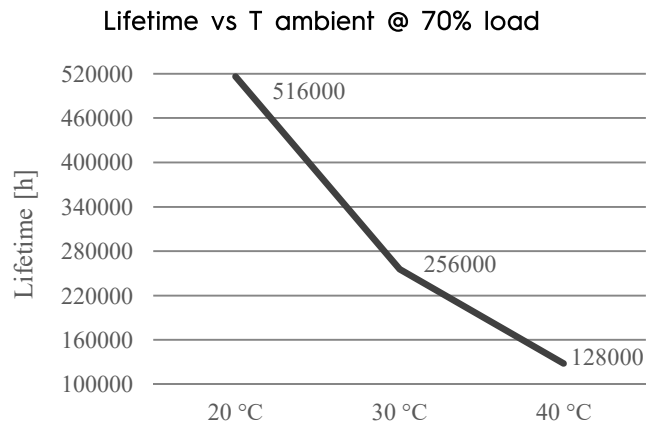
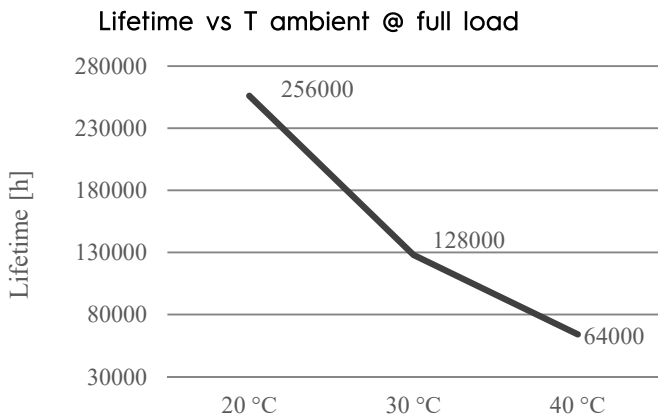
Protection	
Over Load (OLP)	115-130% switch off with auto-recovery
Short Circuit (SCP)	Switch off with auto-recovery
Over Voltage (OVP)	Switch off with auto-recovery
Over Temperature (OTP)	Switch off with auto-recovery (models without OTP are available on request)

Item Code	Dimensions mm L x W x H Piece Box	Weight Kg Piece Box	Working temperature °C	Storage temperature °C	Humidity (without moisture) %	Power factor λ	Min / Idle-status consumption W	Case protection
SAGIT 60W 12V IP68 OTP FD3F2Z82	218 x 70 x 36 272 x 94 x 45	1.15 1.20	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 typ.	IP68
SAGIT 100W 12V IP68 OTP FD3H2Z82	218 x 70 x 36 272 x 94 x 45	1.15 1.20	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 typ.	IP68
SAGIT 150W 12V IP68 OTP FD3J2Z82	218 x 70 x 36 272 x 94 x 45	1.18 1.23	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 typ.	IP68
SAGIT 60W 24V IP68 OTP FD3F3Z82	218 x 70 x 36 272 x 94 x 45	1.15 1.20	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 typ.	IP68
SAGIT 100W 24V IP68 OTP FD3H3Z82	218 x 70 x 36 272 x 94 x 45	1.15 1.20	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 typ.	IP68
SAGIT 150W 24V IP68 OTP FD3J3Z82	218 x 70 x 36 272 x 94 x 45	1.18 1.23	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 typ.	IP68

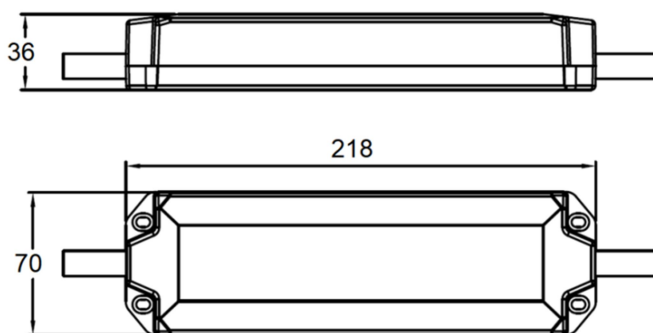
CONNECTION	Connection Name	Color	Function
Input	L	Brown	Line input from AC power mains. Section 1 mm ²
Input	N	Blue	Neutral input from AC power mains. Section 1 mm ²
Input		Green/Yellow	Functional earth (ground) wire. Section min 1 mm ²
Output	-	Black	SELV negative polarity. Section 1.5 mm ²
Output	+	Red	SELV positive polarity. Section 1.5 mm ²

LIFETIME & DERATING CURVE

Lifetime declarations are indicative and represent no warranty claim.



DIMENSIONS (mm)



PACKAGING

Items are single boxed. Multiple packaging: 10 pcs in carton box.

TDS-0006-05-EN 2019.07 Subject to change without notice