

F / POWER LED DRIVER

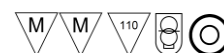
SAGIT

Input: 120-240 V 50/60 Hz
Output: 12/24 V 60/100/150 W



CARATTERISTICHE

Made in Italy	PFC Integrato
Tensione costante	7 anni di garanzia
Ampio input range	Durata > 100.000h
Per uso interno ed esterno	Assenza di sfarfallio
Rivestimento in resina epossidica (brevetto depositato)	Dimmerabile con accessori esterni
Protezione Surge (linea-neutro) fino a 3kV	Basso ripple in uscita



IP68 - SELV - RoHS


Adatto per strisce e moduli LED

Articolo Codice	AC INPUT				DC OUTPUT				
	Tensione ingresso Vac Hz	Efficienza %	Corrente di spunto (max) A	Corrente di ingresso (max) A	Tensione uscita (± 2.5%) Vdc	Corrente uscita A _{dc}	Ripple uscita (max) mV _{pp}	Potenza uscita (EN61000-3-2 class C)	
								max W	min W
SAGIT 60W 12V IP68 S FD3F2Z82S	120-240 50/60	>85	40	0.7-0.35	12	5	500	60	5
SAGIT 100W 12V IP68 S FD3H2Z82S	120-240 50/60	>85	40	1.1-0.52	12	8.3	500	100	5
SAGIT 150W 12V IP68 F/R FD3J2Z82Z	120-240 50/60	>85	40	1.5-0.75	12	12.5	500	150	5
SAGIT 60W 24V IP68 S FD3F3Z82S	120-240 50/60	>85	40	0.7-0.35	24	2.5	500	60	5
SAGIT 100W 24V IP68 S FD3H3Z82S	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

Sicurezza & EMC	
EMC	EN 55015 EN 61000-3-2 EN61000-3-3 EN 61547
Standard Sicurezza	EN 61347-1 EN 61347-2-13
Grado IP	EN 60529
RoHS	EN 50581
Classe Isolamento	Classe II equivalente

Protezioni	
Sovraccarico (OLP)	115-130% spegnimento con riavvio automatico
Corto Circuito (SCP)	Spegnimento con riavvio automatico
Sovratensioni (OVP)	Spegnimento con riavvio automatico
Termica (OTP)	Spegnimento con riavvio automatico

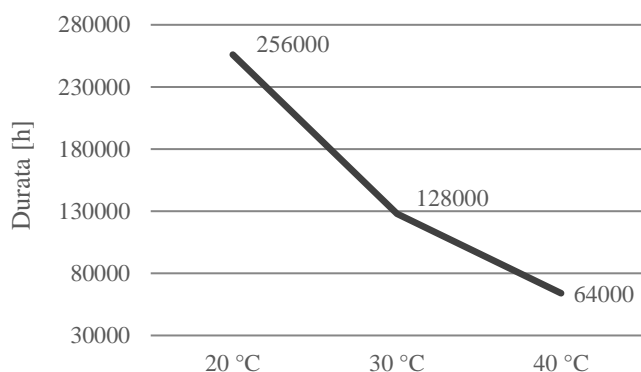
Articolo Codice	Dimensioni mm Lung x Larg x Alt Pezzo Imballo	Peso Kg Pezzo Imballo	Temperatura di lavoro °C	Temperatura di stock °C	Umidità (senza condensa) %	Fattore di Potenza λ	Consumo a vuoto W	Grado IP
SAGIT 60W 12V IP68 S FD3F2Z82S	180 x 66 x 36 272 x 94 x 45	0.95 1.00	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 tip.	IP68
SAGIT 100W 12V IP68 S FD3H2Z82S	180 x 66 x 36 272 x 94 x 45	0.95 1.00	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 tip.	IP68
SAGIT 150W 12V IP68 F/R FD3J2Z82Z	218 x 70 x 36 272 x 94 x 45	1.18 1.23	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 tip.	IP68
SAGIT 60W 24V IP68 S FD3F3Z82S	180 x 66 x 36 272 x 94 x 45	0.95 1.00	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 tip.	IP68
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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 tip.	IP68

TIPO CONNESSIONE	Identificativo connessione	Colore	Funzione
Ingresso	L	Marrone	Ingresso fase CA. Sezione 1 mm ²
Ingresso	N	Blu	Ingresso neutro CA. Sezione 1 mm ²
Ingresso		Verde/Giallo	Collegamento a terra funzionale (non di sicurezza). Sezione 1 mm ²
Uscita	-	Nero	SELV polo negativo. Sezione 1.5 mm ²
Uscita	+	Rosso	SELV polo positivo. Sezione 1.5 mm ²

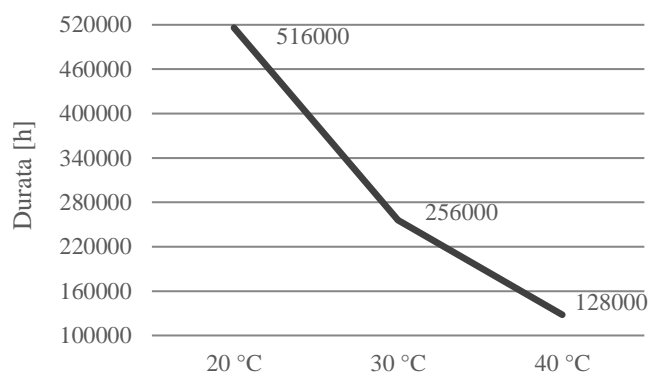
DURATA E CURVA DI DECLASSAMENTO

La durata è indicativa e non rappresenta alcun reclamo di garanzia.

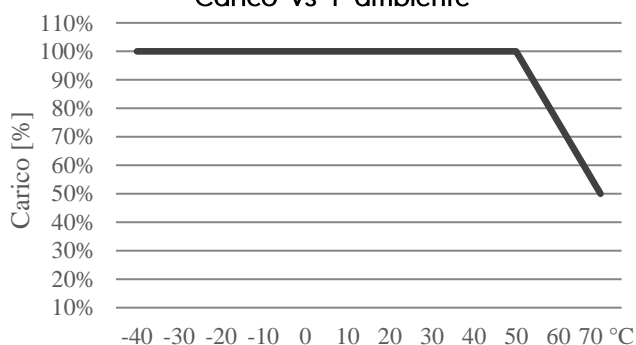
Durata vs T ambiente @ pieno carico



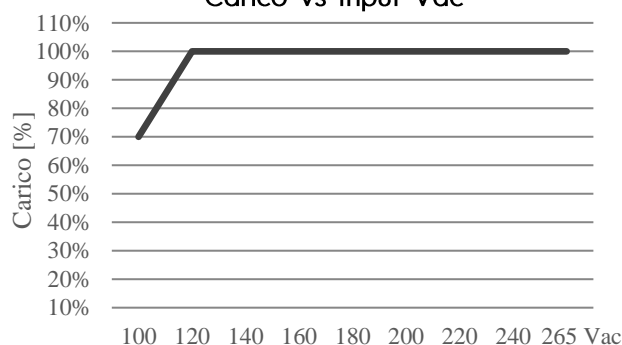
Durata vs T ambiente @ 70% carico



Curva di declassamento: Carico vs T ambiente

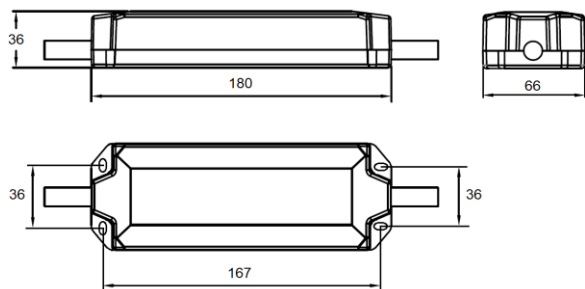


Curva di declassamento: Carico vs Input Vac

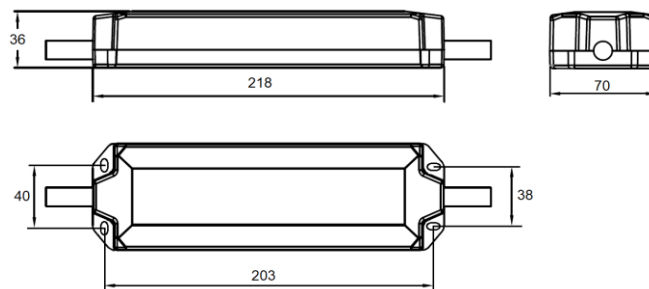


DIMENSIONI (mm)

SAGIT 60W E 100W



SAGIT 150W



IMBALLO

Gli articoli sono imballati singolarmente. Imballo multiplo da 10 pezzi in scatola di cartone.

F / POWER LED DRIVER

SAGIT

Input: 120-240 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



IP68 - SELV - RoHS

Suitable for LED stripes and modules

Item Code	AC INPUT				DC OUTPUT				
	Mains Vac Hz	Efficiency %	Inrush current (max) A	Input current (max) A	Output voltage (± 2.5%) Vdc	Output current Adc	Output ripple (max) mVpp	Output power (EN61000-3-2 class C)	
								max W	min W
SAGIT 60W 12V IP68 S FD3F2Z82S	120-240 50/60	>85	40	0.7-0.35	12	5	500	60	5
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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	Switch off with auto-recovery

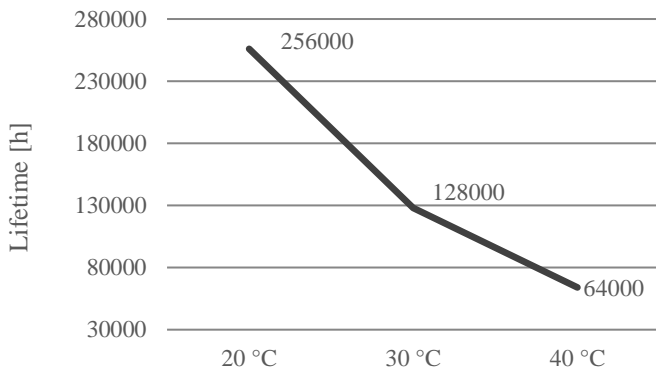
Item Code	Dimensions mm L x W x H Piece Box	Weight Kg Piece Box	Working temperature °C	Storage temperature °C	Humidity (without moisture) %	Power factor λ	Min / Idle-status consumption W	Case protection
SAGIT 60W 12V IP68 S FD3F2Z82S	180 x 66 x 36 272 x 94 x 45	0.95 1.00	-30 ... +50	-40 ... +80	5-90	>0.95	0.5 typ.	IP68
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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 1 mm ²
Output	-	Black	SELV negative polarity. Section 1.5 mm ²
Output	+	Red	SELV positive polarity. Section 1.5 mm ²

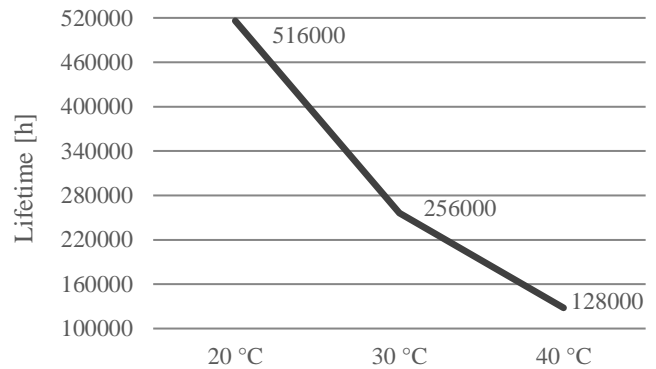
LIFETIME & DERATING CURVE

Lifetime declarations are indicative and represent no warranty claim.

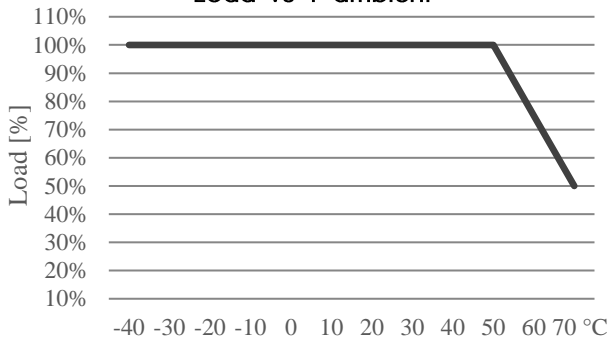
Lifetime vs T ambient @ full load



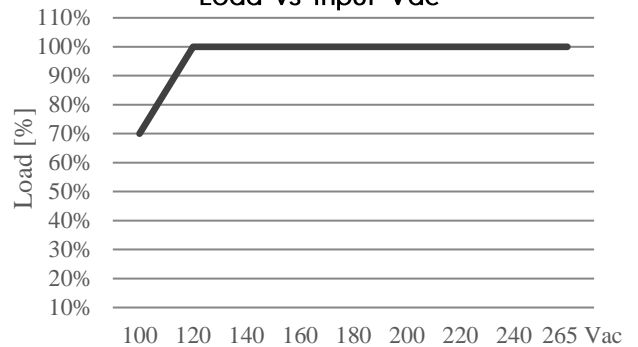
Lifetime vs T ambient @ 70% load



Derating curve: Load vs T ambient

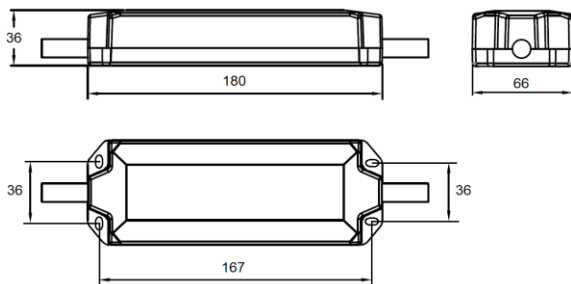


Derating Curve: Load vs Input Vac

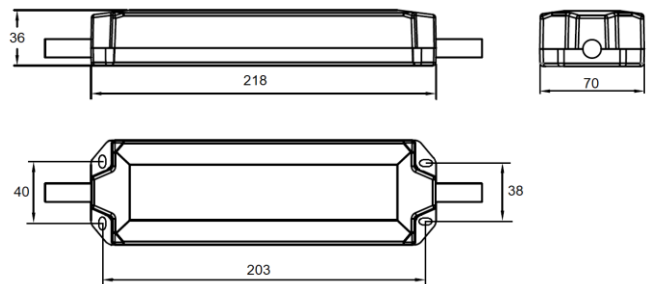


DIMENSIONS (mm)

SAGIT 60W E 100W



SAGIT 150W



PACKAGING

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