



- Ampio range di tensione in ingresso
(wide input range)
- Protezioni: corto circuito / sovraccarico / sovratensione / sovratemperatura
(Protections: short-circuit / Over Load / Overvoltage / Over Temperature)
- Completamente incapsulato
(fully encapsulated)

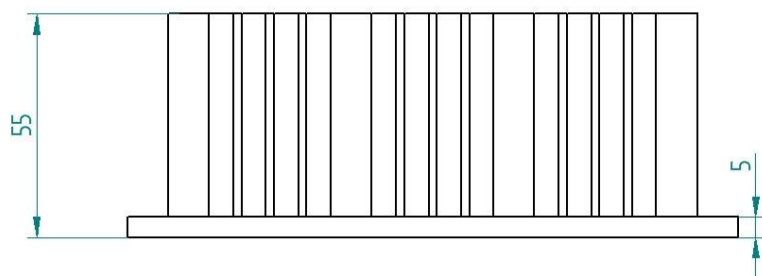
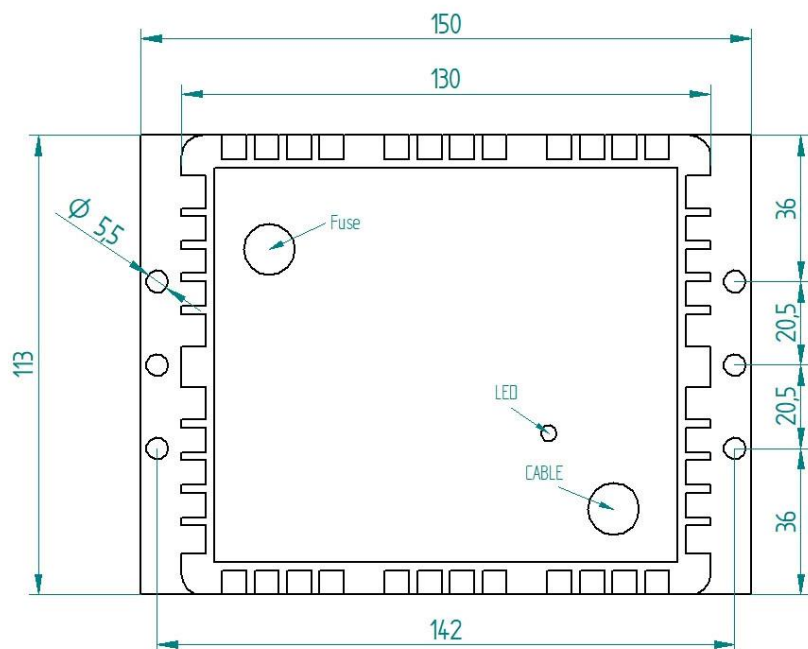
SPECIFICATION



MODEL		AS10A12VT	AS12A12VT	AS10A24VT	AS12A24VT
OUTPUT	DC VOLTAGE	12V		24V	
	RATED CURRENT	10A	12A	10A	12A
	PEAK CURRENT	10A	12A	10A	12A
	RIPPLE & NOISE max n1	150mV p-p			
	CONNECTION	Cable			
	VOLTAGE TOLLERANCE n2	± 0.1%			
	LOAD REGULATION	± 0.5%			
INPUT	VOLTAGE RANGE	36 - 120			
		suitable for battery up to 96V - other input voltage are available on request			
	EFFICIENCY (typ.)	88%		87%	
	ENABLE FUNCTION	Yes			
PROTECTION	OVERLOAD	100 - 125% rated output current			
		Protection Type: constant current limiting			
	OVER VOLTAGE	18V (±5%)		33V (±3%)	
		Protection Type: Crowbar (SCR + FUSE)			
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperatures goes down			
	OTHER	Input transient protection - Input reverse polarity			
ENVIRONMENT	WORKING TEMP.	-20 / +60°C			
	STORAGE TEMP. / HUM.	-40 / +85°C - 5 - 95% RH			
	WORKING HUMIDITY	5 - 95% RH			
	DIMENSION	130*113*55 (L*W*H)			
	WEIGHT	1,50 Kg			
NOTE	n.1 - All parameters NOT specially mentioned are measured at 48,96 VDC Input, rated load and 25°C of ambient temperature n.2 - Ripple & Noise are measured at 20Mhz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor. n.3 - Tolerance: includes set up tolerance . line regulation and load regulation				

AS1012AxxVT– Mechanical specification

Unit: mm



Connections		
POSITION	COLOR	FUNCTION
1	Bianco (White)	ENABLE
2	Rosso (Red)	+ VIN
3	Nero (Black)	- VIN
4	Blu (Blue)	- VOUT
5	Marrone (Brown)	+ VOUT