

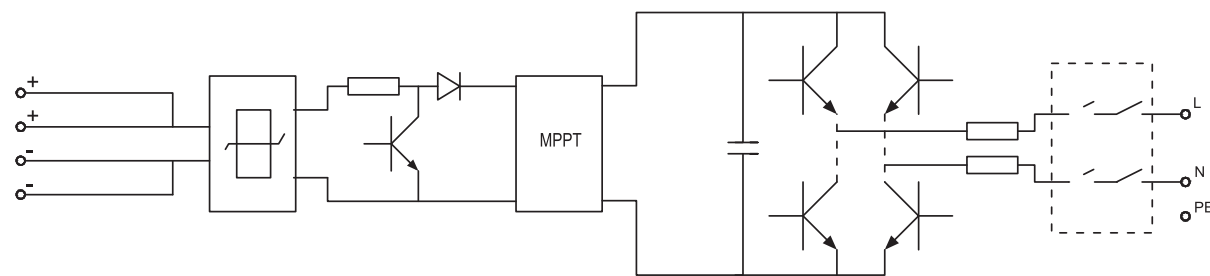


Conforme a AEEG 84/12 (CEI 0-21)
Compliant to AEEG 84/12 (CEI 0-21)

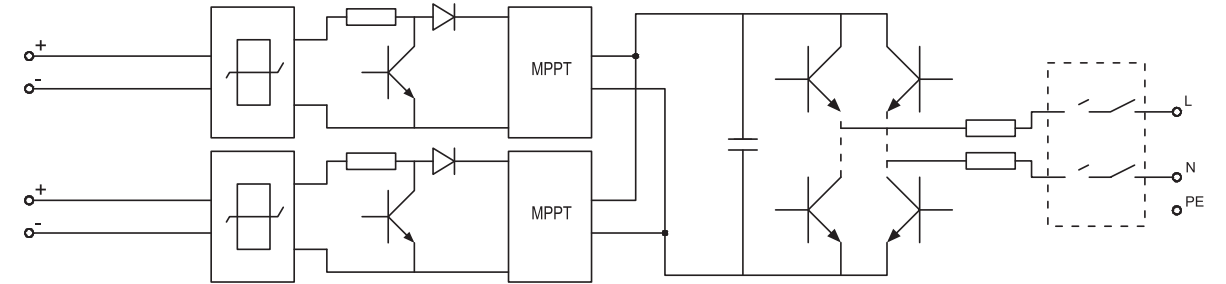
Caratteristiche di prodotto
Product features

Numero max. stringhe in ingresso Max. number of input strings	4	Umidità relativa Relative humidity	95% max.
Distorsione totale della corrente di rete Total grid current distortion	≤3%	Consumo in stop Losses when stopped	<10 W
Grado di protezione Degree of protection	IP65	Consumo notturno Night losses	<0.25 W
Range temperatura (senza declassamento) Temperature Range (no derating)	-25°C ÷ +45°C	Cos φ	1 (0.9 lead/lagging)

Schema a blocchi M XS 2200 TL
Block diagram M XS 2200 TL



Schema a blocchi M XS 3000/3800 TL
Block diagram M XS 3000/3800 TL



Caratteristiche tecniche Technical features	M XS 2200 TL	M XS 3000 TL	M XS 3800 TL
Valori d'ingresso @ 45°C Input Ratings @ 45°C			
Potenza picco suggerita campo FV Suggested PV field peak power	2640 Wp	3600 Wp	4500 Wp
MPPT Range tensione MPPT Voltage range	125÷480 Vdc	125÷480 Vdc	125÷480 Vdc
Max. Tensione CC Max. DC voltage	580 Vdc	580 Vdc	580 Vdc
Potenza nominale d'ingresso in CC Rated DC input power	2324 W	3220 W	3995 W
Corrente massima d'ingresso Max. input current	12.5 A(dc)	2*10 A(dc)	2*12.5 A(dc)
Numero max. canali MPP indipendenti Max. number MPP independent channels	1	2	2
Numero inseguitori MPP indipendenti N. of Independent MPP Trackers	1	2	2
Valori d'uscita @ 45°C Output Ratings @ 45°C			
Potenza massima d'uscita Max. AC rated power	2428 W	3349 W	4175 W
Potenza nominale d'uscita Rated AC power	2208 W	3059 W	3795 W
Tensione Grid voltage	230 Vac +/- 15%	230 Vac +/- 15%	230 Vac +/- 15%
Frequenza di rete Grid frequency	50 Hz (60 Hz on demand)	50 Hz (60 Hz on demand)	50 Hz (60 Hz on demand)
Corrente nominale d'uscita Rated output current	9.6 A(ac)	13.3 A(ac)	16.5 A(ac)
Rendimenti Efficiency			
Rendimento Massimo Maximum efficiency	96.3%	96.3%	96.4%
Rendimento Europeo European efficiency	95.3%	95.4%	95.6%
Dati meccanici Mechanical Features			
Dimensioni (LxAxP) Dimensions (LxHxD)	338x570x218 mm	338x570x218 mm	338x570x218 mm
Peso Weight	17.5 kg	20.8 kg	21.6 kg
Sistema di raffreddamento Cooling system	Naturale Natural	Naturale Natural	Ventilazione forzata Forced ventilation