

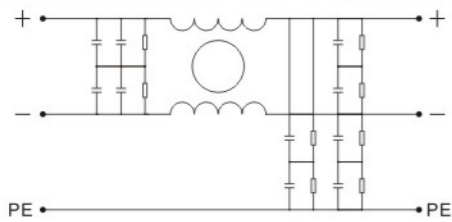
【TY530系列产品介绍】

- 极佳的共模和差模干扰抑制性能;
Excellent interference-suppression for CM and DM
- 电流量大, 工作电流从 25 A 到 1600 安培;
Large working current, covering 25 A to 1600 A
- 采用高品质元件, 确保安全使用;
High quality components ensure the safety of filters
- 用于光伏逆变, 以及各种直流滤波场合。
Application for PV inverter, as well as other DC applications.



Schematic

电气原理图



滤波器匹配表

规格 Filter	端接方式 Terminal	额定电流 Rated current @50°C	功率损耗 Power loss	重量 Weight	尺寸图 Pic
TY530T-25		25A	5W	1KG	FIG1
TY530T-50		50A	12W	2KG	FIG2
TY530T-75		75A	12W	2KG	FIG2
TY530T-100		100A	15W	3KG	FIG3
TY530T-150		150A	18W	5KG	FIG4
TY530T-250		250A	8W	8KG	FIG5
TY530T-400		400A	14W	9KG	FIG6
TY530T-600		600A	25W	10KG	FIG7
TY530T-800		800A	25W	12.5KG	FIG8
TY530T-1000		1000A	38W	12.5KG	FIG8

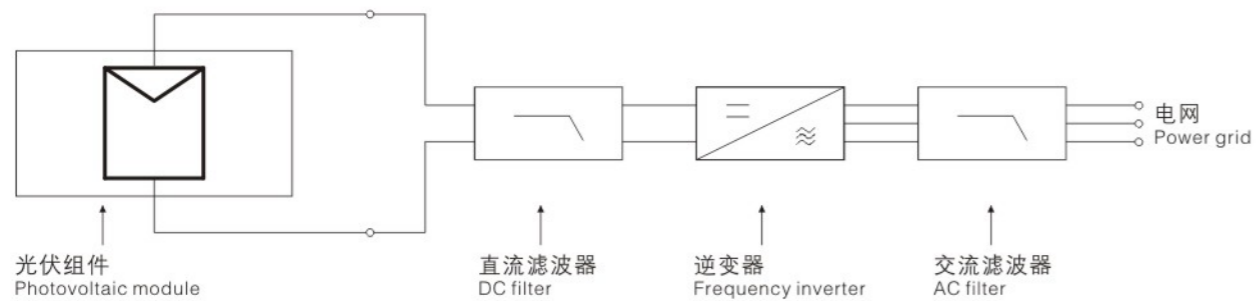
Electrical Specs

(电气参数表)

额定电压:	1200VDC Max
额定电流:	25-1600A@50°C
耐压测试:	P/N-G: 3600VDC/5S
过载电流:	4 x I _r at switch on 1.5 x I _r
气候类别:	25/100/21
防护等级:	IP20(25A-150A) IP00(250A-1600A)
阻燃性能:	UL 94V-2
设计标准:	UL1283, IEC/EN60939

Connection

安装原理图



Insertion Loss

Tested@50 ohm system as IEC/CISPR :17

滤波器型号 PART number	共模衰减 (Comm.Mode) -in Mhz						差模衰减 (Diff.Mode) -in Mhz					
	0.15	0.5	1.0	5.0	10	30	0.15	0.5	1.0	5.0	10	30
TY530T-25	65	76	76	60	48	37	52	75	75	62	59	43
TY530T-50	65	76	76	60	48	36	52	75	75	62	59	43
TY530T-75	66	76	76	60	48	35	52	75	75	62	59	41
TY530T-100	65	70	62	44	39	32	67	68	58	47	46	42
TY530T-150	65	70	62	44	39	32	67	68	58	47	46	42
TY530T-250	62	58	51	36	31	21	55	49	40	28	26	22
TY530T-400	62	58	51	42	33	18	55	49	44	35	29	18
TY530T-600	62	58	51	42	33	18	55	49	44	35	29	18
TY530T-800	62	58	51	42	33	18	55	49	44	35	29	18
TY530T-1000	62	58	51	42	33	18	55	49	44	35	29	18

Mechanical Specs

(安装尺寸图)

单位(Unit): mm

