CHENGDU XINGTONGLI POWER SUPPLY EQUIPMENT CO.,LTD..

ECHNICAL DATA FOR HIGH FREQUENCY IGBT DC POWER SUPPLY 15V 12000A(180KW) water cooli

NO.	AC INPUT	
1	Model	GKD15-12000CVC
2	Input voltage	480V 3phase
3	Frequency	60hz
4	Max input current	270A/P
5	Max input power	225KW
6	**DC Output**	
7	DC Output voltage	0~15V continuously adjustable
8	DC Output current	0~12000A continuously adjustable
9	DC output range	0~100% Rated current
10	Output power	0~180KW
11	Output Ripple	≤3%
12	Max rated current Efficiency	≥89%
13	Current adjustmment accuracy	1A
14	Cooling method	Combined Air-Water Cooling
15	Inlet and Outlet temperature different	6–10°C
16	Cooling method	100% water cooling
17	Output ripple	≤3%
18	AC filter	√
19	DC filter	√
20	**Control System**	
21	Control way	Simens 1200+ Simens touch screen (7' HMI control)
22	PLC interface	RS485
23	Protocal	Modbus
24	Touch screen display	output voltage,current,work time,,work state,fault etc
25	Touch screen control	Output current and voltage adjustment
26		voltage ,current setting,.CC/CV settting

27	**Mechanical Structure**	
28	Dimension	1400*1030*2060mm
29	Weight	665KG
30	Insulation level	B
31	**Protection**	
32	Input under voltage	✓
33	Input overvoltage	✓
34	Output overcurrent	✓
35	Output overvoltage	✓
36	Short circuit	✓
37	Over-heating	✓
38	**Site condition**	
39	altitude	≤2200m
40	indoor temperature	10℃~45℃
41	indoor humidity	15%~85%RH
42	load type	capacitive / resistive load