


TECHNICAL DATA FOR HIGH CURRENT DC POWER SUPPLY 10V 75KA (750KW)

NO.	AC INPUT	
1	Model	GKD400-2560CVC
2	Input voltage	480V 3phase 5 wires
3	Frequency	60hz
4	Max input current	1510A
5	Max input power	1250KW
DC Output		
6	DC Output voltage	0~400V continuously adjustable
7	DC Output current	0~2560A continuously adjustable
8	DC output range	0~100% Rated current
9	Output power	0~1000KW
10	Output Ripple	≤2%
11	Max rated current Efficiency	≥89%
12	Current adjustmment accuracy	1A
13	Work model	constant current /constant voltage
14	Cooling method	water cooling
Control System		
15	Control way	touch screen (7' HMI control)
16	PLC interface	RS485
17	Protocal	Modbus or Profibus-DP
18	Parallel function	Support 8 units 1000KW parallel using (controlled by one controller)
19	Satrt/Stop button	√
20	current control potentiometer	√
Mechanical Structure		
21	Dimension	approximately (W=2160mm D=1200 H=2060mm)
22	Modular structure	2 units 500KW in parallel connection+1 control cabinet
		each 500KW consist 8 piece 62.5KW modular (each 400V 160A)
23	Weight	approximately 1.5 Ton
24	Insulation level	B
	IP	IP24
Protection		
25	under-voltage/ output over curre	stop operation itself when exceeding set value
26	overvoltage/overheating	stop operation itself
27	isolation degrade alarm	isolation degrade of output positive and negative bus

28	input overvoltage	stop operation itself
29	Short circuit to earth	isolation degrade of output positive and negative bus
Site condition		
30	altitude	≤2200m
31	indoor temperature	10℃~45℃
32	indoor humidity	15%~85%RH
33	load type	capacitive / resistive load
Local Indication and Meter		
34	DC Ammeter	√
35	DC Voltmeter	√
36	General fault	√
Certificate		
37	CE	√
38	Local/ External	√
39	Picture	
Certificate		
36	CE	√