Level 1: Laboratory and Measuring and Observing and Testing Equipment -UNSPSC Code:41
Level 2: Category-Measuring and observing and testing instruments -UNSPSC Code: 4111
Level 3: Category-Electrical measuring and testing equipment and accessories-UNSPSC Code: 411136
Level 4: Category- DC Electronic Load -UNSPSC Code: 41113616

Sl.No.	Parameters	Field Type	Field Category	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Value 7	Value 8	Value 9	Value 10	Value 11
1	**Group: Generic**													
2	Maximum power of each module	Enumerable	Golden, Filter, Mandatory	150W	250W	300 W	500W	600W						
3	Power module expandable facility for inserting power module	Enumerable	Golden, Filter, Mandatory	Yes	No									
4	If expandable facility "Yes" number of slots must be declare. If "No" write NA	Enumerable	Golden, Filter, Mandatory											
5	Voltage	Enumerable	Golden, Filter, Mandatory	0 to 60	0 to 80	0 to 120	0 to 150	0 to 240	0 to 500	0 to 600				
6	Current	Enumerable	Golden, Filter, Mandatory	0 to 3	0 to 6	0 to 8	0 to 10	0 to 15	0 to 30	0 to 60	0 to 120			
7	Display	Enumerable	Mandatory	LCD										
8	Input Voltage	Enumerable	Mandatory	240 V 50 Hz AC										
9	EMC compliance	Enumerable	Mandatory	Yes as per IEC										
10	INTERFACE	Enumerable	Golden, Filter, Mandatory	GPIB, RS232	USB ,LAN ,GPIB	GPIB,USB, and								
11	Rackmountable kit for DC electronic load	Enumerable	Golden, Filter, Mandatory	Yes	No									
12	Warranty(In years)	Enumerable	Golden,Filter, Mandatory	2	3	5								
13	**Constant Current Mode**													
14	Low Range (in Ampere)	Enumerable	Golden, Filter, Mandatory	0 to 1	0 to 2	0 to 3	0 to 6	0 to 12	0 to 20	0 to 60				

15	High range (in Ampere)	Enumerable	Golden, Filter, Mandatory	0 to 2	0 to 6	0 to 10	0 to 15	0 to 20	0 to 30	0 to 60	0 to 120			
16	Low range accuracy	Enumerable	Golden, Filter, Mandatory	0.10%										
17	High range accuracy	Enumerable	Golden, Filter, Mandatory	0.10%										
18	Resolution	Enumerable	Golden, Filter, Mandatory	0.1 mA	1mA									
19	Accuracy	Enumerable	Golden, Filter, Mandatory	0.05%										
20	**Constant Voltage Mode**													
21	Low Range (in Volt)	Enumerable	Golden, Filter, Mandatory	0 to 6 V	0 to 8 V	0 to 15 V								
22	High range (in Volt)	Enumerable	Golden, Filter, Mandatory	0 to 60 V	0 to 80	0 to 150	0 to 240	0 to 500 V						
23	Resolution	Enumerable	Golden, Filter, Mandatory	1mV	5 mV	10 mV	10 mV							
24	Low range accuracy	Enumerable	Golden, Filter, Mandatory	0.10%										
25	High range accuracy	Enumerable	Golden, Filter, Mandatory	0.10%										
26	Resolution	Enumerable	Golden, Filter, Mandatory	1 mV	6 mV	10 mV								
27	Accuracy	Enumerable	Golden, Filter, Mandatory	0.10%										
28	**Constant Resistance Mode**													
29	Range	Enumerable	Golden, Filter, Mandatory	0.05 ohm	10 ohm	30 ohm	100 ohm	200 ohm	1 kohm	2.5 kohm	5kohm	10 kohm	12 kohm	15 kohm
30	Resolution	Enumerable	Golden, Filter, Mandatory	0.1Ω										

31	Accuracy	Enumerable	Golden, Filter, Mandatory	0.10%	0.20%									
32	**Ripple and noise**													
33	Current (rms) (in mA)	Enumerable	Golden, Filter, Mandatory	1	2	4	6							
34	Voltage (rms) (in mV)	Enumerable	Golden, Filter, Mandatory	5	6	8	10	12						
35	**Measurement accuracy**													
36	current	Enumerable	Golden, Filter, Mandatory	0.05%										
37	voltage	Enumerable	Golden, Filter, Mandatory	0.05%										
38	power	Enumerable	Golden, Filter, Mandatory	0.10%										
39	**Programming resolution**													
40	Constant current mode (in mA)	Enumerable	Golden, Filter, Mandatory	0.1	1									
41	Constant voltage mode (in mV)	Enumerable	Golden, Filter, Mandatory	1	10									
42	Constant resistance mode	Enumerable	Golden, Filter, Mandatory	0.1 m ohm	0.1 ohm	1 ohm								
43	**Readback resolution**													
44	Current (in mA)	Enumerable	Golden, Filter, Mandatory	0.5	1	2								
45	Voltage (in mV)	Enumerable	Golden, Filter, Mandatory	1	2.5	4	10							
46	Programmable slew rate	Enumerable	Golden, Filter, Mandatory	Yes	No									
47	If Slew rate "Yes" must declare the rate in mA/s if ""No" write NA	Text	Mandatory											

48	**Voltage Read Back**													
49	Range (in Volt)	Enumerable	Golden, Filter, Mandatory	0 to 6	0 to 16	0 to 18	0 to 50	0 to 80	0 to 120	o to 150	o to 500			
50	Resolution (in mV)	Enumerable	Golden, Filter, Mandatory	1	10									
51	Accuracy	Enumerable	Mandatory	plus/minus 0.04%										
52	**Current Read Back**													
53	Range (in Ampere)	Enumerable	Golden, Filter, Mandatory	0 to 2	0 to 3	0 to 4	0 to 6	0 to 15	0 to 40	0 to 60				
54	Resolution (in mA)	Enumerable	Mandatory	1										
55	Accuracy	Enumerable	Mandatory	0.10%										
56	**GROUP:CERTIFICATION**													
57	Availability of type test reports from any Central Govt. laboratory / ILAC approved laboratory / NABL aproved laboratory.	Enumerable	Mandatory	Yes										
58	Test report number - Must declare	Text	Mandatory											
59	Test report date - Must declare	Text	Mandatory											
60	Name of lab - Must declare	Text	Mandatory											
61	Address of lab - Must declare	Text	Mandatory											
62	All the test reports and certificates shall furnish by the seller to purchase authority on demand including calibration certificate	Enumerable	Mandatory	Yes										