

MODULE II**ELECTRICAL ENGINEERING TECHNOLOGY LEVEL 4, LEVEL 5, LEVEL 6****ENG/OS/EI/CR/01/4/MA****INSTALL STAND-ALONE SOLAR PV SYSTEMS****May-July 2026**

**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

CUTTING LIST (PER CANDIDATE)

S/NO	Items	Quantity	Provided BY
1.	20W-100W Solar PV module	2 pieces	Centre
2.	5A-20 A Charger controller	1 piece	
3.	12V Battery	1 piece	
4.	150 W,1A Inverter	1 piece	
5.	4-way consumer control unit	1 piece	
6.	MCB 10 A	1 piece	
7.	Wooden nails 4 Inch	20 pieces	
8.	Hand saw	1 piece	
9.	Claw hammer	1 piece	
10.	Tape measure	1 piece	
11.	Battery terminal grease	100g	
12.	Two-way switch one gang	2 pieces	
13.	2 - gang Two-way switch	1 piece	
14.	Single sockets outlets	2 pieces	
15.	Intermediate switch	1 piece	
16.	Shallow patress	5 pieces	

17.	Deep patress	5 pieces	
18.	240 V AC complete fluorescent tube	2 pieces	
19.	4-way Junction box	2 pieces	
20.	3-way Junction box	1 piece	
21.	4.0 mm ² PVC cables twin with earth	1 m	
22.	1.5 mm ² PVC cables twin with earth	3 m	
23.	2.5 mm ² PVC cables twin with earth	3 m	
24.	12 mm ² cable clips	¼ packet	
25.	Multimeter	1 piece	
26.	megger	1 piece	
27.	Wood Screws Assorted	¼ packet	
28.	Ballpein hammer	1 piece	
29.	Electrical tool kit	1	Candidate
30.	Appropriate PPEs	1	