

SUPPLY AND INSTALLATION OF 6KW INVERTER/SOLAR POWER SYSTEMS								
S/N	Item Description	Specification	Qty	Unit Price	Total Price	Brand	Origin	Warranty Period
1	Inverter	6KW/48V Pure sine wave 230V/50Hz, with remote	1					
2	Solar panels	350W 24V Monocrystalline	12					
3	Charge controller	150V/70A MPPT	1					
4	solar cables	6mm 2core flexible cable	100					
5	Solar combiner box	2Way 1000V	1					
6	Solar mount	Aluminum rails	3					
7	Charge controller to battery cable	35mm flexible	10					
8	Solar connectors	MC4 connectors sets	12					
9	Battery	12V/225AH sealed-lead acid with accessories	8					
10	Battery rack	Galvanized iron stand	1					
11	Battery disconnects	DC disconnect 160A	1					
12	Output breaker	63A 2pole breaker	2					
13	AC Surge protector	415V single pole	1					
14	PVC box	6way box	1					
15	Changeover switch	100A Changeover switch	1					
16	Distribution board	8 blocks DB	1					
17	Battery to inverter cable	50mm flexible cable	20					
18	Inverter to changeover and DB cable	10mm flexible cable	100					
19	Load cables	1.5mm hardcore cable	3					
20	Wall Sockets	13Amps 2ways	8					
21	Conduit pipes	25mm-50mm	2					
22	Earth rod	3 fits 100% coper	1					
23	Earth cable	4mm single core	50					
24	Earthing accessories	Mat/Salt	1					
25	AVR	10KVA Single Phase	1					
26	Material Estimated Cost							
28	Installation & Commissioning (10% of Material cost)							
29	Logistics & Transport							
30	<b>Total Cost for 1 location (Insert Location)</b>							