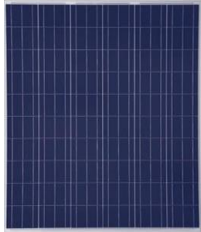




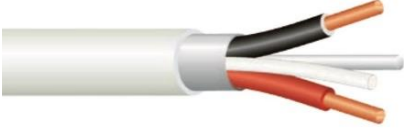







Sequence of item on the PR	Item	Detailed Description	Picture
1	Solar Panel	<ul style="list-style-type: none"> -440-460 watts Highest power output -Dimension: 211*105*4 cm -Maximum Power Voltage (Vmp) 41.7 V -Maximum Power Current (Imp)10.92 A -Short Circuit Current (Isc)11.66 A -Maximum Fuse Rating 20A -Mono perc half-cut-cell -12 years guarantee with 25 years working age. 	
2	Inverter (Off-grid)	<ul style="list-style-type: none"> -3.2-3.6 KW -3000 watt power output -24V System -MPPT 1800W 65A solar charger -Anti-dust kit for harsh environment -LCD display -Efficiency 93% -Overcharge protection 30VDC -2 years guarantee with 4 years age. 	
3	Battery	<ul style="list-style-type: none"> -Type: Deep Cycle Gel Battery -Usage: off Grid Solar. -Nominal Voltage: 12V 6V 8V -Operating temperature range -20degree to 60degree -Low self-discharge: Lower than 3% -Depth of Discharge 80% -Gel Deep cycle battery or equivalent tybe, 2 year guarantee with 4 years age. 	
4	DC Cable	<ul style="list-style-type: none"> -Size: 6mm2 (cross-sectional area) -Copper conductor -Rated Temperature: up to 70C -Turkish or equivalent 	
5	DC Cable	<ul style="list-style-type: none"> -Size: 60-70mm2 (cross-sectional area) -Copper conductor -Rated Temperature: up to 70C -Turkish or equivalent 	

6	AC Cable	<ul style="list-style-type: none"> -Size range: 2 cables x1.5mm -2.5mm -Copper conductor -Rated Temperature: up to 60C 	
7	Connectors	<ul style="list-style-type: none"> -MC4 Connectors Male and Female -Germany 	
8	DC Circuit Breaker	<ul style="list-style-type: none"> -2P, Capacity: 200Ah -Germany 	
9	AC Circuit Breaker	<ul style="list-style-type: none"> -2P, Current flowing: up to 10A -Germany Automatic CB 	
10	Circuit Box	<ul style="list-style-type: none"> -Normal box for three or more circuit breakers -Weatherproof -built in single bus-bar arrangement 	
11	Iron base structure	<ul style="list-style-type: none"> -Iron Square tubing -4-5 cm height -1.65-1.85mm thickness -Cement base structure -30x30x30cm -Iron buried 15cm into cement base 	
12	Instilation	<ul style="list-style-type: none"> -Installing all of the solar panel support uints into the ground or on the roof. Details of the design in Annex 1 drawing 	