

PORTABLE DRY  
POWDER FIRE  
EXTINGUISHER 6KG

INVERTER 60KW  
+PANEL BOARD

DOOR WITH GRILLS  
ROOM WELL VENTILATED  
LOUVERED WINDOW  
15CM THICK HOLLOW BLOCK WALLS  
AC INVERTER 12000BTU/H

NEW GENERATOR  
LOCATION, OUTDOOR  
AREA

EXISTING  
ELECTRICAL  
ROOM

PV SOLAR CABLES 10MM2  
UNDER GROUND TO INVERTER  
ROOM (EXCAVATION IS NEEDED  
TO PROTECT CABLES) (typ.6)

PV SOLAR CABLES  
10MM2 DN IN  
CABLE TRAYS TO  
GRD LEVEL (typ. 6)

PV SOLAR CABLES 10MM2  
IN CABLE TRAY  
TO BE CONNECTED TO  
6 STRINGS OF 15MODULES EACH

Distance between modules rows is 1m  
South direction  
Aluminum anodized Structure thickness 2mm  
aluminum rails 41x41mm  
ballasted type triangular low profile

PV SOLAR MODULES 550W  
(TYP. TO 90)

PORTABLE DRY  
POWDER FIRE  
EXTINGUISHER 12KG