

Project Title :
**15Kw Solar
 On-Grid System**

Location :



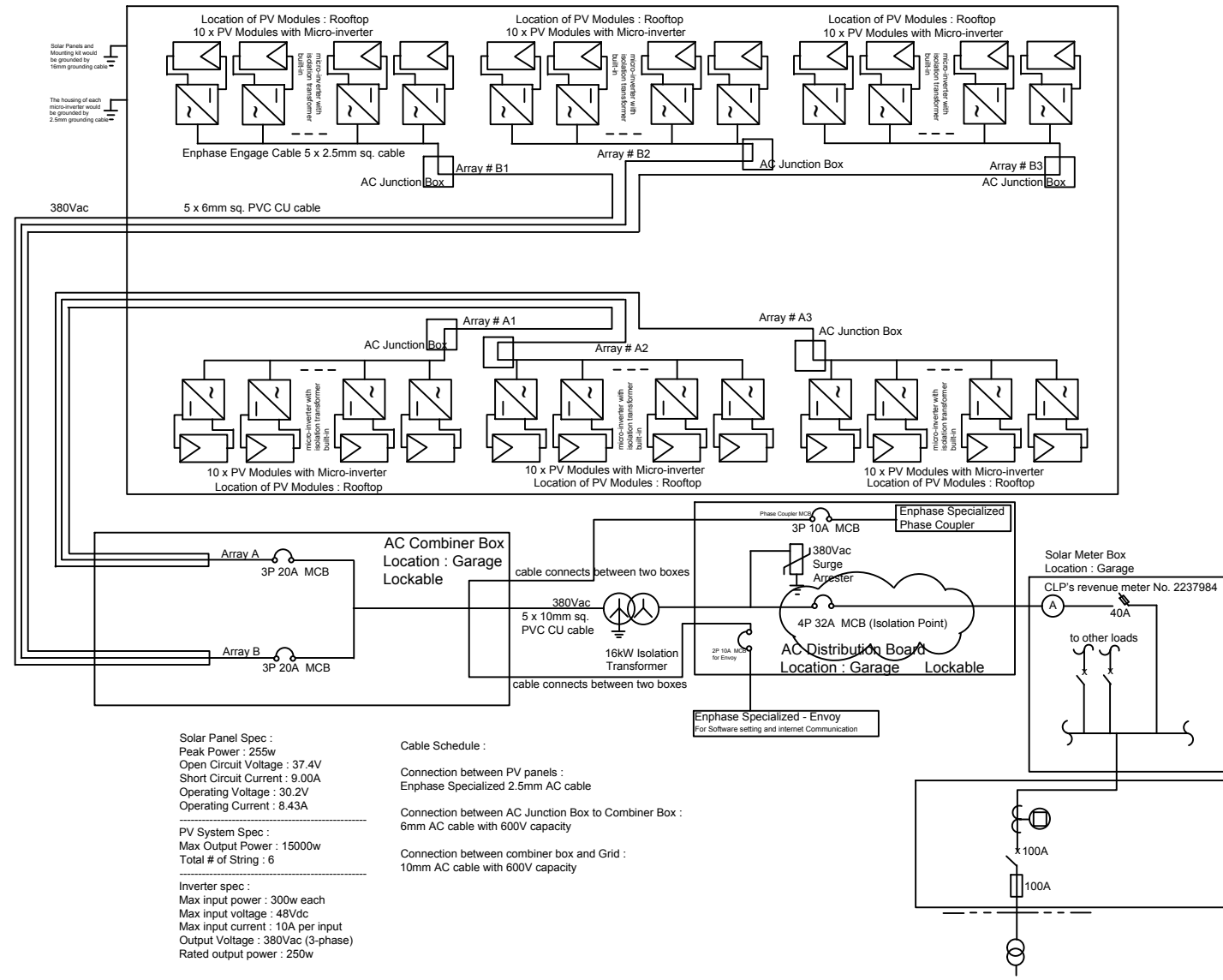
Hong Kong

Engineer :
Waidy Lee

CLP substation no.
 (Indicated after CLP site test)

Schematic Prepared by **W3 Corporate Ltd**

Contact	William Leung
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Date	20150720
Drawing Revision	E29
Drawing Name	



Solar Panel Spec :
 Peak Power : 255w
 Open Circuit Voltage : 37.4V
 Short Circuit Current : 9.00A
 Operating Voltage : 30.2V
 Operating Current : 8.43A

PV System Spec :
 Max Output Power : 15000w
 Total # of String : 6

Inverter spec :
 Max input power : 300w each
 Max input voltage : 48Vdc
 Max input current : 10A per input
 Output Voltage : 380Vac (3-phase)
 Rated output power : 250w

Cable Schedule :

- Connection between PV panels :
 Enphase Specialized 2.5mm AC cable
- Connection between AC Junction Box to Combiner Box :
 6mm AC cable with 600V capacity
- Connection between combiner box and Grid :
 10mm AC cable with 600V capacity