



TOTAL PANELS = 644 panels
 644 Panels @ 450 Wp = 289.8 kWp

JOB : Proposed Solar Panels at
 SIG Trading (Ireland) Limited
 Turnpike Road
 Dublin 22. D22 N6X5

CLIENT: SIG Trading (Ireland) Limited

TITLE: Proposed Solar PV Roof Plan

PLAN No.: 06

SCALE: 1:200@A1

Rev B 19/04/2022
 Drawing by Elena Vazquez

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MECHANICAL DIAGRAM		INDICATORS	
Weight	18.5kg	Height	1820mm
Dimensions	1820mm*1820mm	Depth	35mm
Material	Aluminum	Color	Black
Surface Treatment	Anti-reflection	Application	Commercial
Warranty	10 Years	Manufacturer	LEAPTON

ELECTRICAL PARAMETERS AT STC			
Power	270W	270W	270W
Open Circuit Voltage	36.0V	36.0V	36.0V
Short Circuit Current	7.50A	7.50A	7.50A
Maximum Power Voltage	31.5V	31.5V	31.5V
Maximum Power Current	8.57A	8.57A	8.57A
Module Efficiency	21.0%	21.0%	21.0%

TEMPERATURE CHARACTERISTICS			
Temperature Coefficient of Pmax	-0.40%/°C	Temperature Coefficient of Voc	+0.03%/°C
Temperature Coefficient of Isc	+0.05%/°C	Temperature Coefficient of Imp	-0.05%/°C

