

Final data sheet of plant

PLANT LOCATION	
Denomination:	Photovoltaic system SolarLands
Region:	Comunidad Valenciana
Province:	Alicante
Municipal district:	Alacant
Address:	A-79
ZIP:	03114
Location:	

GENERAL CHARACTERISTICS	
Type of plant:	Mono section
The plant started operations as:	New building
Date of entry into operation:	01/01/2018
Existing system became operational on:	
Upgrading of an existing system promoted in energy bill:	
Rated power before the upgrading:	
Average production of the two calendar years preceding the intervention of upgrading:	
Rated power installed:	343,2 kWp
Expected annual production:	490.119,2 kWh

CHARACTERISTICS OF CONNECTION TO THE POWER GRID	
System:	Medium voltage
Rated voltage:	20.000 V

METHOD OF CONNECTION TO THE POWER GRID	
Is the electricity produced by the plant the same as that fed into the power grid?	No
Name of the local electricity grid operator:	Endesa
Identification code referred to in Article 37, paragraph 37.1, the deliberation n.111/06:	28740 370 42136 2

ACTIVATION BY SECTIONS	
Number of sections:	1

CHARACTERISTICS OF THE STRUCTURE OF SUPPORT FOR SOLAR MODULES	
The photovoltaic generator Generator ground mounted is mounted on a structure:	Fixed tilt
Azimuth:	0°
Tilt:	27°

COST OF THE PLANT	
Supply modules:	€ 303.600,00
Supply inverter:	€ 26.400,00
Remaining parts, installation and design:	€ 3.030.021,00
Total cost of the plant:	€ 572.109,36
Specific cost:	€/kWp 1.666,99
Local incentives:	€ 0

SITE/PLANT TYPOLOGY
Farm or holidays farm

INSTALLATION TYPOLOGY
Gross surface area occupied by the plant: 2.125,2 m ²

Section:	Section 1
Type of realization:	Ground-mounted

CHARACTERISTICS OF PHOTOVOLTAIC MODULES	
Manufacturing technology:	Polycrystalline silicon
Brand and model:	CSI CANADIAN SOLAR INC CS6P-260P
Number of modules:	1320
Power per module:	260 W
Certification:	CEI EN 61215
Total surface of the modules:	2125,2 m ²

CHARACTERISTICS OF CONVERTERS	
Brand and model:	ABB Spa PVI-110.0-TL M-M
Certification CEI, IEC, ecc.:	No
Number of converters:	3
No-load input voltage (Voc) (STC conditions):	850 V
Output voltage (Vca):	320 Vac

CHARACTERISTICS OF THE INTERFACE PROTECTION	
Interface protection:	External to cc/ac converter
Model of the external interface protection:	KY250

TECHNICAL MANAGER	
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Surname:	Black
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<p>Declaration of Conformity of the Technical manager:</p> <p>The undersigned Joe Black born in London il 10/05/1970, declare to possess the skills and requirements established by current legislation for the development of the final documentation of the project.</p> <p style="text-align: center;">Signature of Technical Manager</p>
