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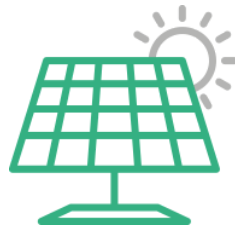
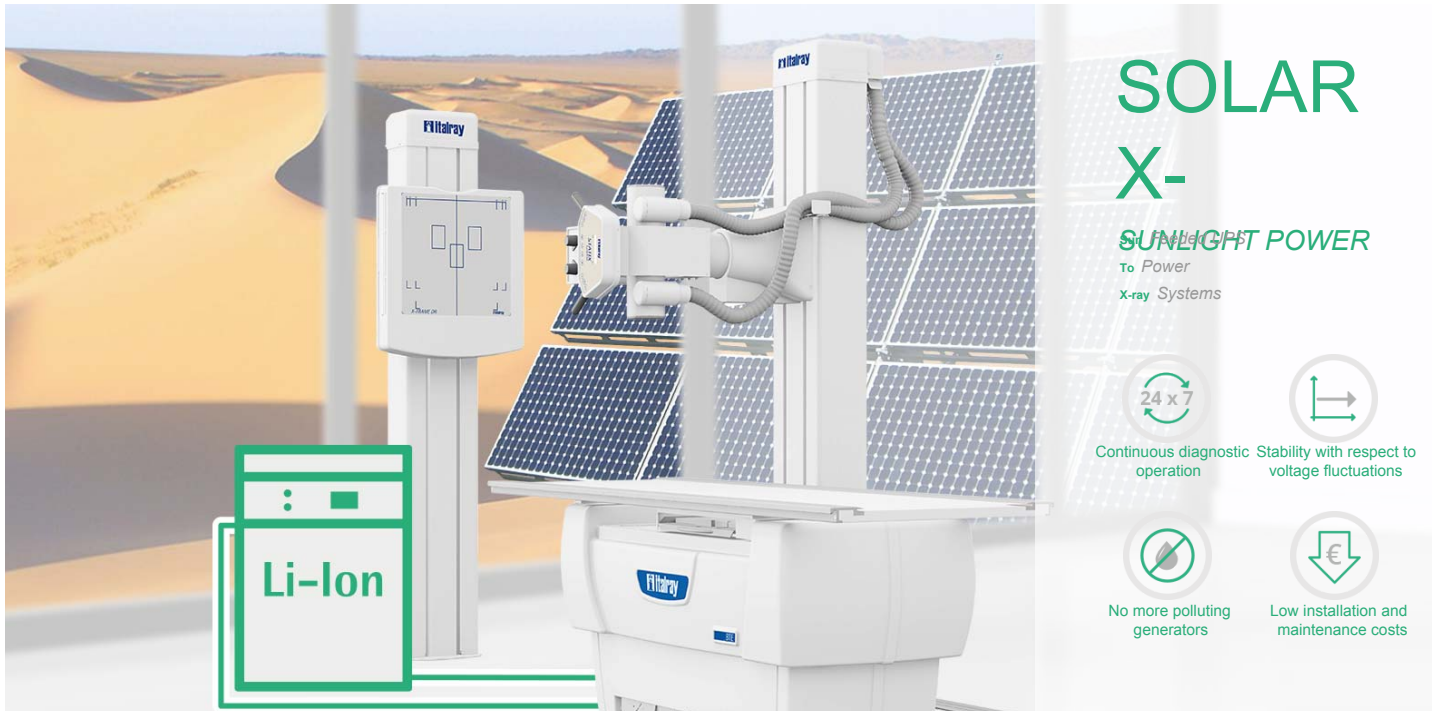
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Технические характеристики на рентгеновские аппараты на солнечных батареях Solar X-Ray компании **Italray**



SOLAR X-RAY

A new frontier for radiography: solar powered solutions

In some areas of the world it is almost impossible to rely on a stable electricity grid. Regions where a stable flow of energy does not manage to serve adequately all medical services. This often causes inconvenience and delays, and it is necessary to rely on expensive, polluting diesel emergency generators. For this reason, Italt-ray proposes a solar powered x-ray solution, where a small photovoltaic battery guarantees optimum performance (50 KW) to the radiographic room. Solar powered x-ray recharges photovoltaic panels used to charge the UPS lithium-ion batteries when there is not electrical continuity. In this way it builds up the reserve that will be used by each radiographic load as needed. Solar powered x-ray is the green and sustainable solution to electrical discontinuity.

Today there are several areas in the world where the continuity of the electricity service is not guaranteed, even in the health sector. This involves:



Interrupt the electricity service also in the hospital context



Stop the activity of the department for a certain period

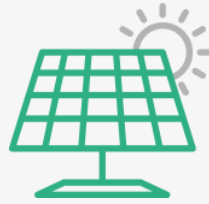


Do not meet the normal diagnostic results due to electrical discontinuity and low-quality power



Use of **expensive and polluting** emergency diesel generators

Solar X-Ray is Italray's green solution



ITALRAY OFFERS A GREEN AND SUSTAINABLE DIAGNOSTIC SOLUTION TO ELECTRICAL DISCONTINUITY

Italray proposes a Solar powered x-ray solution, where a small photovoltaic battery guarantees optimum performance (50 kW) to the radiographic room.



RECHARGE SOLAR X-RAY ONLY WITH SOLAR ENERGY

Solar powered x-ray recharges photovoltaic panels used to charge the UPS lithium-ion batteries when there is not electrical continuity. In this way it builds up the reserve that will be used by each radiographic load as needed.



ACCUMULATE ELECTRICITY TO BE READY FOR EVERY NEED

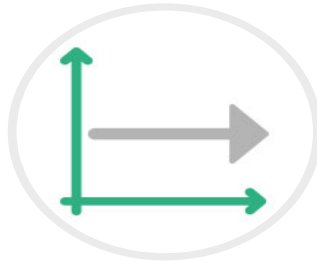
During the day, in the sun, the energy produced by the photovoltaic panels is used to charge the lithium-ion batteries UPS, thus building the resource that will be used by each radiographic load as needed.

TOTAL AUTONOMY with zero-waste

Solar powered x-ray is able to manage this process in complete autonomy, guaranteeing the optimal use of produced energy **without waste**



Diagnostic operation



Stability over time due to voltage fluctuations



No more polluting diesel generators



Low installation and maintenance costs

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