

بسم الله الرحمن الرحيم

قال تعالى :

(قُرْأْ بِاِسْمِ رَبِّكَ الَّذِي خَلَقَ {١} خَلَقَ الْإِنْسَانَ مِنْ عَلَقٍ {٢}
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ملخص

في هذا البحث تم التطرق لأهمية الطاقة الشمسية في السودان حتى ننظر بعين الاعتبار للطاقة الشمسية .

يشتمل البحث على إيجاد حسابات بعض النماذج لقدرات مختلفة باستخدام الخلايا

الشمسية التي تستخدم Grid tie inverter.

NSol! PV SYSTEM SIZING. تم إيجاد حساباتها عن طريق برنامج متخصص

.PROGRAM

Abstract

In this research the importance of solar energy has been touched in Sudan so that we may consider it.

The research produced sizing of some patterns of photovoltaic system using Grid tie inverter.

The sizing of the system is calculated by using one of specialized calculation program that is NSol! PV system sizing program.

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