JinkoSolar C&I ESS, SunGiga, has successfully Connected to the Gric

JinkoSolar, today announced that it has delivered its liquid cooling storage system SunGiga for a C&I project in Suzhou. The highly integrated 430kWh energy storage system, which is mainly used for peak shaving, peak valley arbitrage, saving space, and streamlining the installation process, will offer high profitability, safety, and flexibility to the customer.

Figure 1: Project Photos

What makes liquid cooling SunGiga ESS unique?

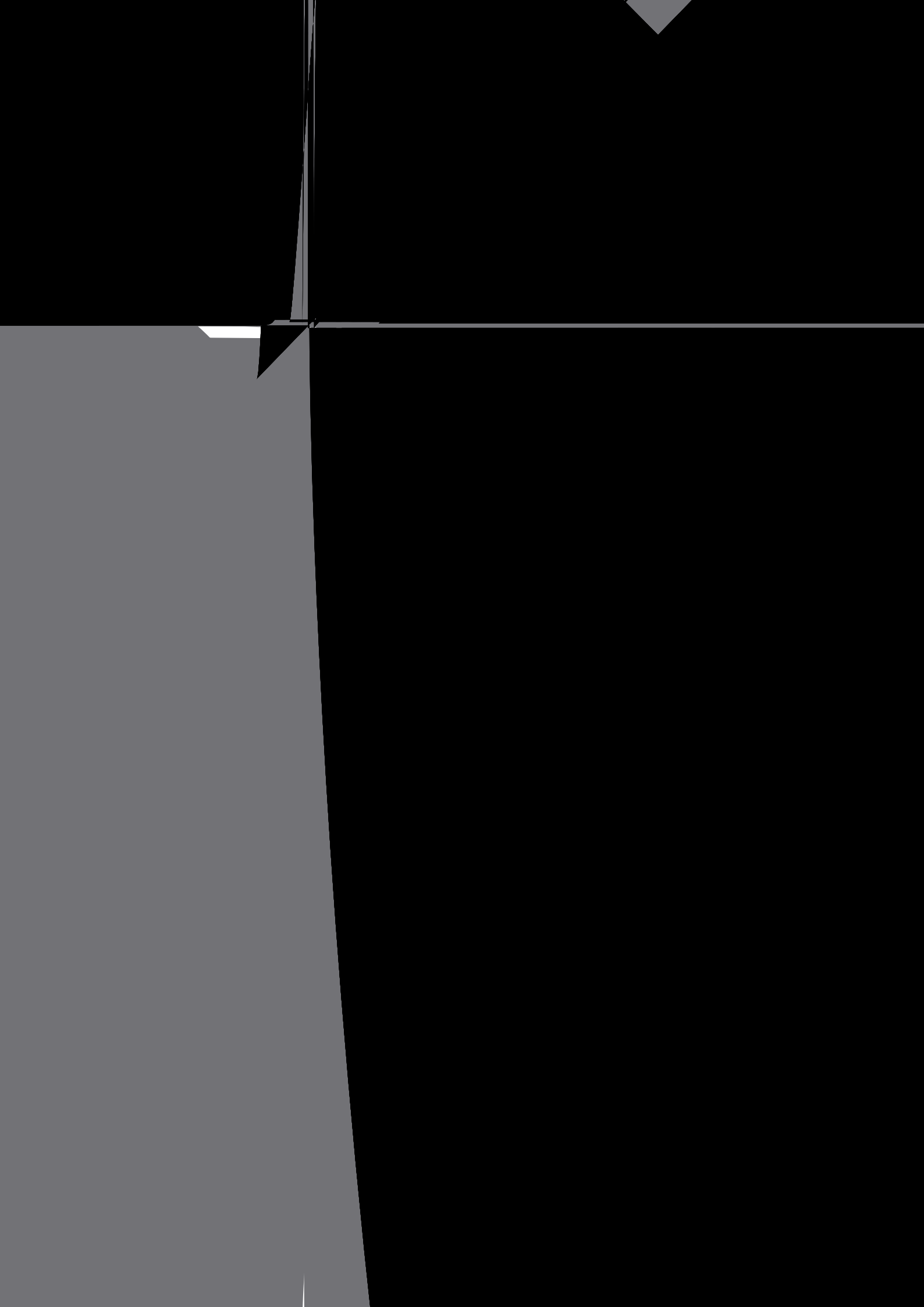
This highly robust, smart, and doubled safety product SunGiga is designed for a set-it-and-forget-it installation and operation.

SunGiga' s module design allows for additional storage capacity to be added or removed to fine-tune the system to meet the storage demands of many more consumers than would be allowed with a fixed-capacity battery system. This is something that is customized once with the purchase of the system but could also

Energy density is the amount of power s
volume, meaning that the SunGiga car
the amount of energy in the same ph

The safety issue of energy storage sys
mendous concern for customers. Fo
HVAC air cooling ESS, the poor uniform
ture between batteries, high auxiliary p
tion, inefficient heat dissipation, and
safety risks and lower projected revenu
increased energy density, JinkoSolar' s
liquid cooling C&I energy storage sy
all-around safety-assured total ESS so
battery, rack, pack, and cabinet to the

The new unit also comes with an activ
and AI-based managing system that co
while using 30% less power.

What factors are driving the adoptio
storage systems (ESS) in the China a

Energy storage in the commercial and
segment is poised for growth over the
China will be one of the largest increr
C&I energy storage gains localized po
nomic support to assist in solving its prob
ty shortage, particularly in eastern and
Power outages caused by supply-dema
bring substantial economic loss, and
role in the increased interest in backup
other hand, the electricity cost for C&I
tively high in some regions. Driven by in
ing time-of-use electricity price, and fav
policies, ancillary services, the C&I ESS
nue.