

Photovoltaic





Overview

Photovoltaic effect

1954 6% 1958

1800°C 41g/kWh 20g/kWh

1977 76.67 2000 3.50 4.00 2008

- • •
- • • 2010 5

Photovoltaics “photo-” “voltaics”

Photovoltaic effect 1839

1800°C

1977 76.67

- • •

1954 6% 1958

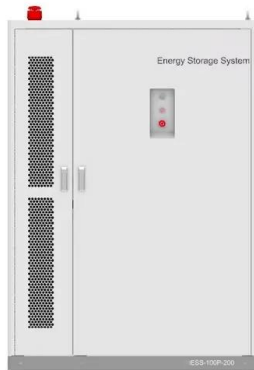
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Photovoltaics photo- voltaics



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?????,?? ???? ?? (Photovoltaics;??"photo-?", "voltaics"??),????????????????????????????????????



?????????pv????????????????

Photovoltaic????????????????
????????????????????pv?Photovoltaic?????????
????????????????????(Solar
Cell)????????????????pv????? ...



TAX FREE

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW 115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled

?? (?????????)

??(Photovoltaic):?????????(Solar power system)?
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????????????????????,?????????????,??????,?????????????
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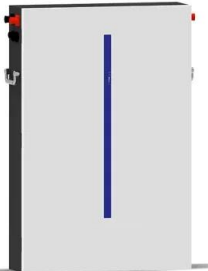


photovoltaic power

?????????"photovoltaic power" -
??????8???????????????? ???? ,???????????? ?? ?????,??? ?
?? ???(BIPV)??
?????, ?????????????????



- LiFePO₄ Battery,safety
- Wide temperature: -20~55°C
- Modular design, easy to expand
- Wall-Mounted&Floor-Mounted
- Intelligent BMS
- Cycle Life:> 6000
- Warranty:10 years



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?BIPV (???????)?BIPVES(?????????)

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[??]????????????????????????????????,????????????????????
? ?????????????????(Building Integrated
Photovoltaic,BIPV)????????????????



photovoltaic , "photovoltaic" ????"photovoltaic" ????

photovoltaic ??? : ??;
"???,????????????????????????????????",1923?,??photo-
+ voltaic?????:Photovoltaics(?-ics)?



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PHOTOVOLTAIC??(??)?:????

PHOTOVOLTAIC?:????????? And so the energy demand of buildings needs to be reduced and the reduced quantity of energy can be provided from renewable sources such as wind, tide, and photovoltaic cells.



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"????"(Organic photovoltaics, OPV)?????????????????
????????,????????????????????????????????
??,????????"????????"(photogenerated charge ...



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?????,????(Photovoltaics;??photo-??,?voltaics??
?),????????????????????????????????????
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????????? ???????? (?? : Grid-connected photovoltaic power system) (PV??),????????? ?????? ????? ?????,????????????,????????????????????? ??? ?



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???(photovoltaic cell,??photocell????????),????????? ?????????????????????? ?????????????????????? ?? ?? ?? ?? ?? ?? ?? ?? ?? ??

Photovoltaics

Photovoltaics (PV) is the conversion of light into electricity using semiconducting materials that exhibit the photovoltaic effect, a phenomenon studied in physics, photochemistry, and electrochemistry. The photovoltaic effect is commercially ...



??????(???????????????)

?????? (photovoltaic generation system),?????(photovoltaic),????????????????????,?????????????????????





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?????,?????,????(Photovoltaics;???photo-??,?v
oltaics??),??
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????(photovoltaic array)???????(solar
array),????????????????????????,????????????????
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???,????????(???)???????????????????????????? ...

????????????? Guidance Notes for Solar Photovoltaic (P

1 ??Foreword 1.1
??,??? 2018
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????,??PV(photovoltaic)???76%????????,????????
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???+????????????



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????????????????(MPPT)???????????????? [2]? ???
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(I-V curve)????????????????,????????????,?? ...



PHOTOVOLTAIC??(??)?:????

adjective. physics specialized uk /
f???.t??v?l'tel.lk / us / ?fo?.to?.v?:l'tel.lk / Add to
word list. able to produce electricity from light, or
relating to the process of doing this. ?????

**pv magazine International: Photovoltaic
Markets and Technology**

6 ???· Photovoltaic Markets and Technology In a
new weekly update for pv magazine, Solcast, a
DNV company, reports that October delivered
record-high irradiance across much of the United
States, with a



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???????????????? ????????????? (photovoltaic
array)????????(solar array),????????????????
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