

Brochure catalogue

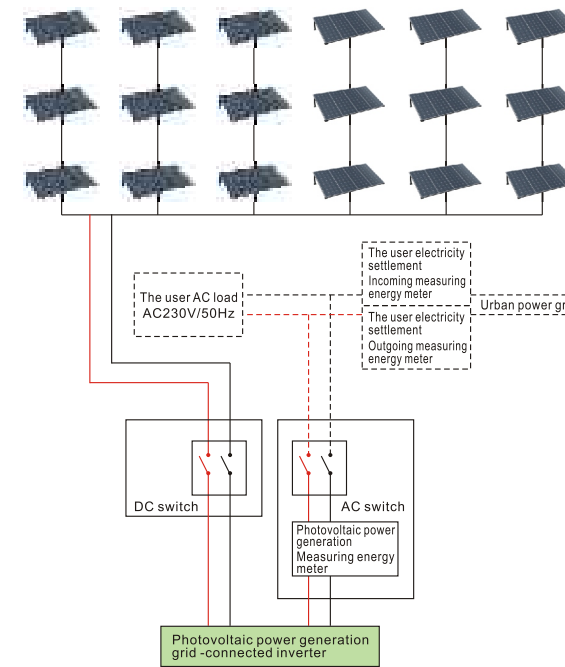
Catalogue

- P.01-11 **Photovoltaic Power Generation System and Electrical Application Solution**
- P.12-20 **HUW1PV-2000 Photovoltaic Air Circuit Breaker**
- P.21-29 **HUM8PV Photovoltaic Moulded Case Circuit Breaker**
- P.30-32 **HUM18PV Photovoltaic Miniature Circuit Breaker**
- P.33-43 **HUH1PV Photovoltaic Disconnecting Switch**
- P.44-45 **HUR18PV Photovoltaic Fuse**
- P.46-48 **HUDY1PV Photovoltaic Surge Protection Device**

Photovoltaic power generation system

Huanyu Group Co., Ltd launches HU series photovoltaic DC electrical products and application solutions as per special requirements of photovoltaic power generation system and electrical system, providing electrical support and quality service for photovoltaic power generation application fields.

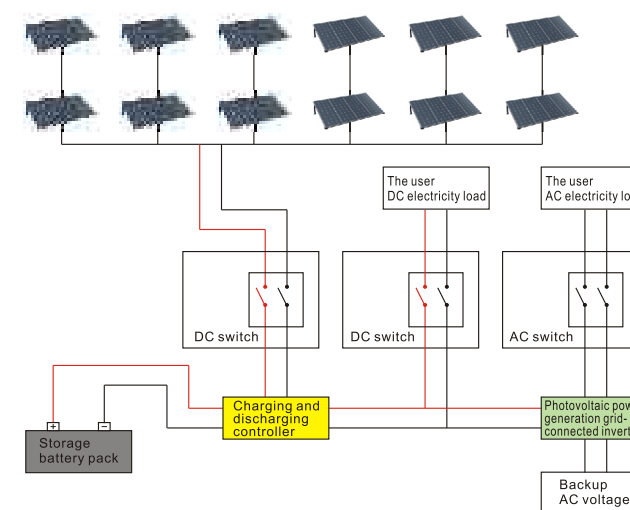
Grid-connected generation system



For instance:

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|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Photovoltaic commercial plants
Commercial electricity selling | Photovoltaic integration architecture
Photovoltaic components replace traditional ones to provide energy |
| Photovoltaic pilot demonstration area
Golden Sun pilot project | Photovoltaic residential district
Effectively use solar energy in construction zone |
| Photovoltaic commercial roof
Save electricity for large commercial buildings | Photovoltaic grid-connected residential system
Integration with photovoltaic power generation, selling and using |

Grid-connected generation system



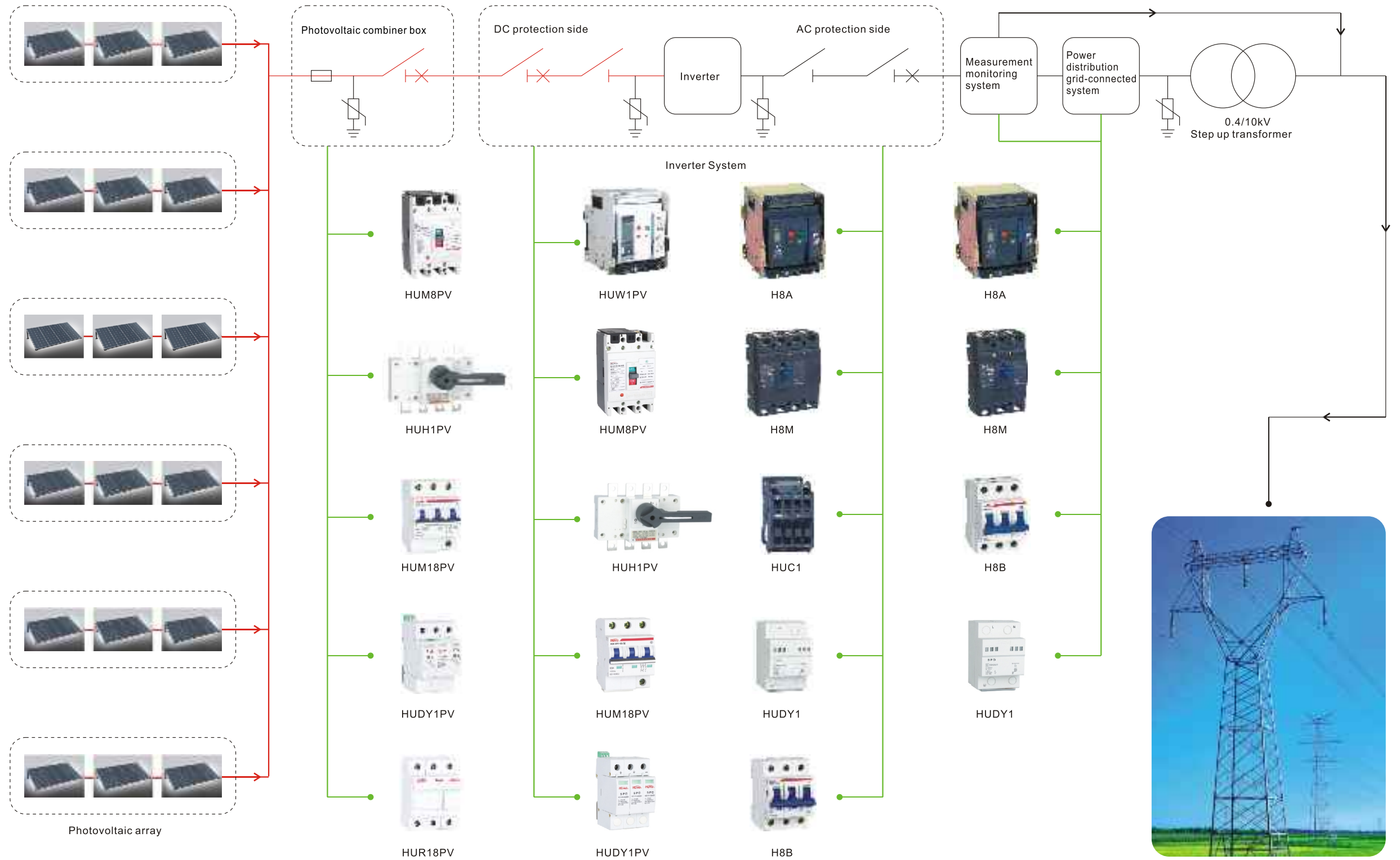
For instance:

- | | |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Highway photovoltaic acoustic shielding system
Provide noise protection and acousto-optic instructions power supply for highway | Off-grid residential photovoltaic system
Provide electricity for 2 billion residents without power supply in remote mountain areas |
| Acousto-optic complementary hybrid system
Street lamp illuminating system | Off-grid illuminating system
Airport runway lighting, hotel outdoor lighting, street lamp, highway tunnel lighting, advertising lighting, etc |
| Photovoltaic pump system
Pumping energy storage, agricultural irrigation, photovoltaic fountain, water cycle | Off-grid industrial application
Power supply of microwave relay station, fiber optical communication system, wireless paging station, rural SPC telephone, lighthouse and beacon light, oil and gas pipeline cathodic protection, forest fire prevention, disaster forecast instrument, etc. |

Photovoltaic grid-connected system

1 Photovoltaic grid-connected system electrical application solution

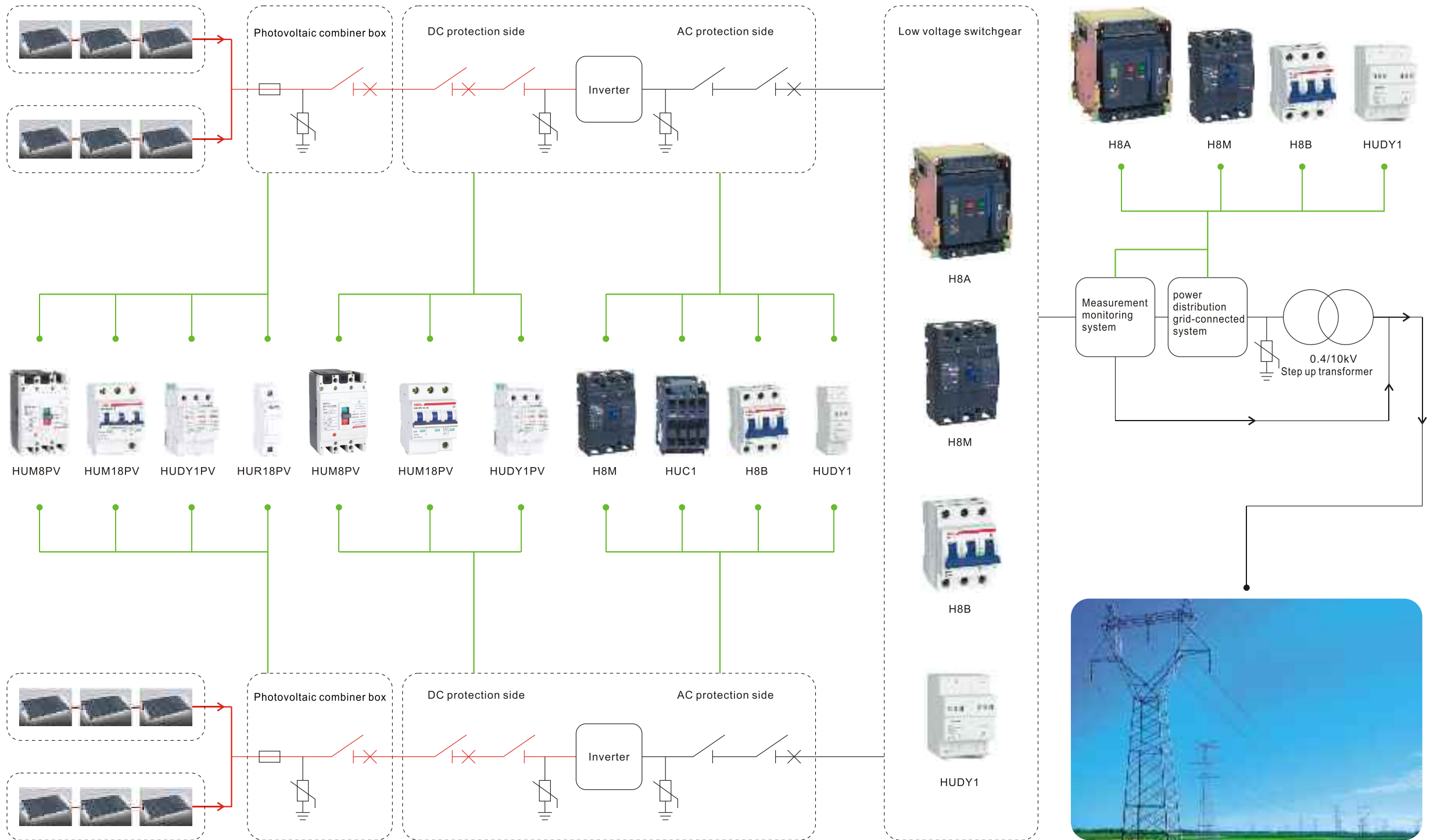
Solution one Centralized type electrical application solution of grid-connected power generation system



Photovoltaic grid-connected system

1 Photovoltaic grid-connected system electrical application solution

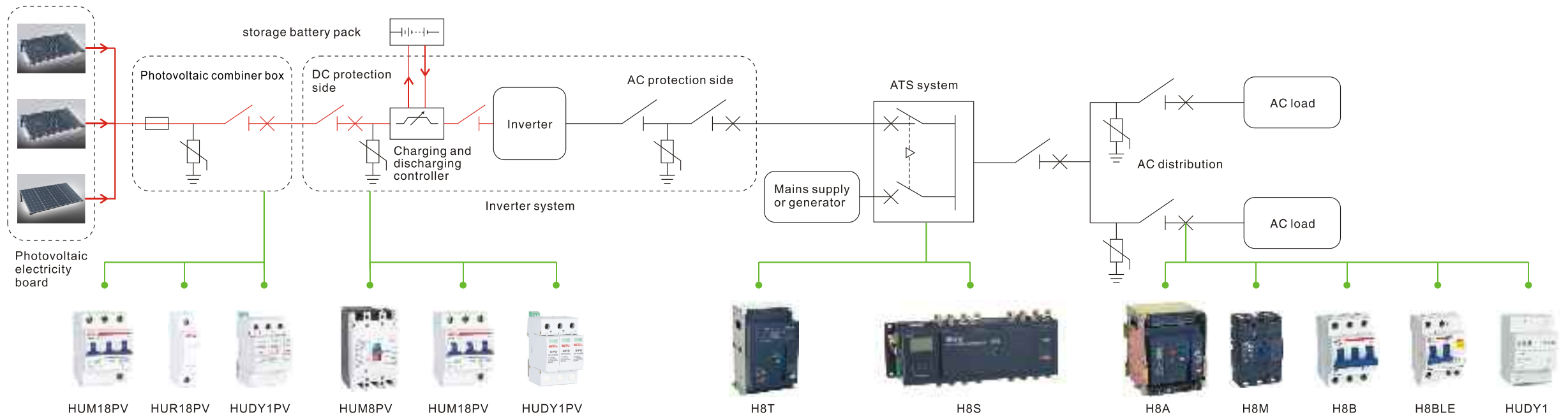
Solution two Distributed type electrical application solution of grid-connected power generation system



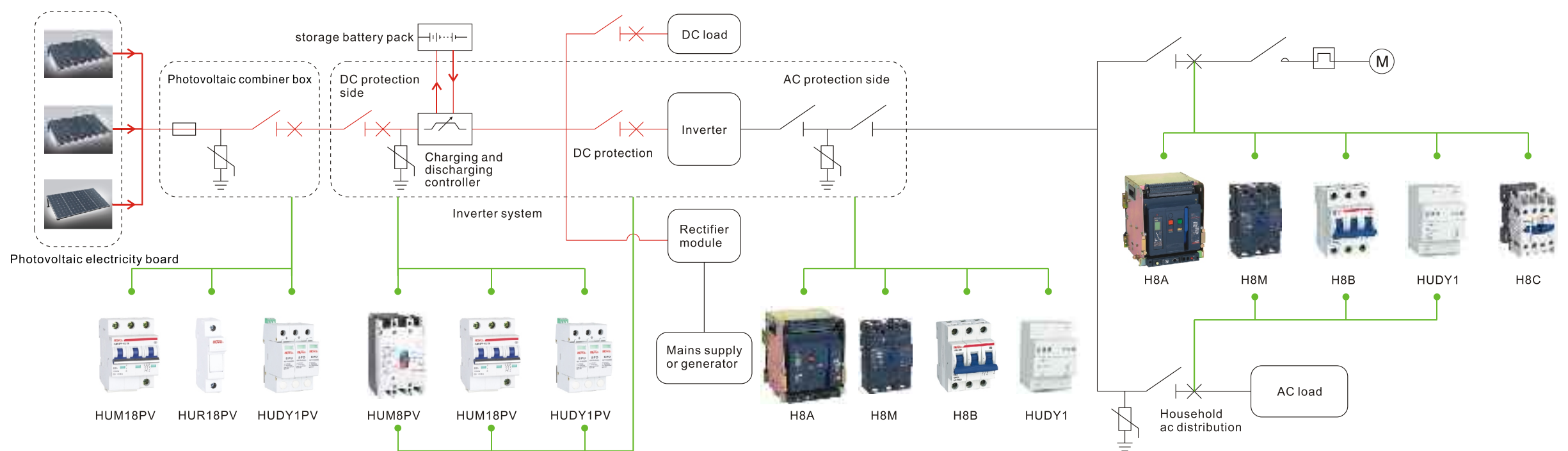
Building photovoltaic system

2 Building photovoltaic system electrical application solutions

Solution one Photovoltaic power generation directly transfer to mains supply



Solution two Photovoltaic power generation indirectly transfer to mains supply



Residential photovoltaic system



3 Residential photovoltaic system electrical application solution

Solution one Residents photovoltaic grid-connected system



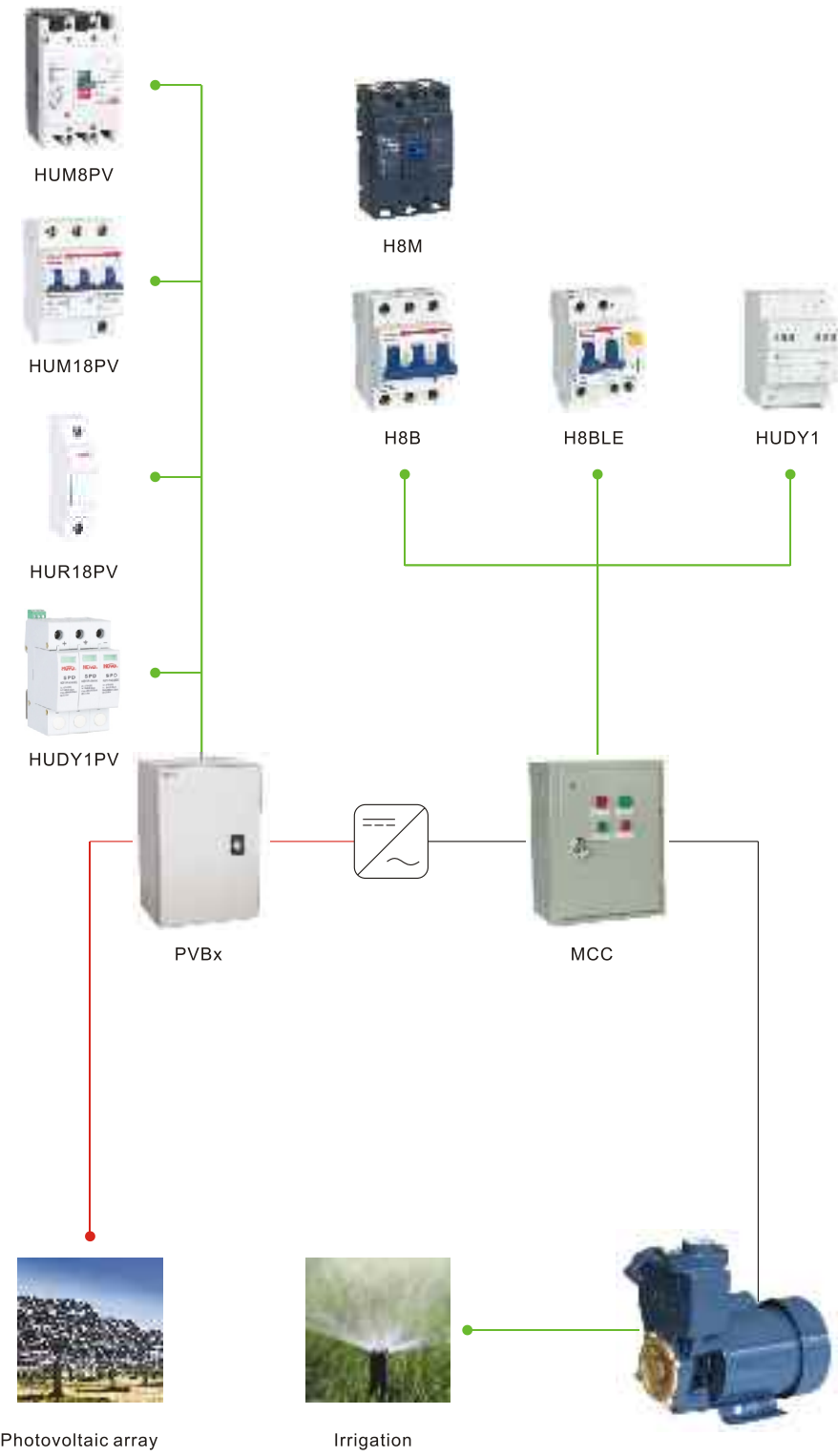
Solution two Residents photovoltaic off-grid system



Off-grid photovoltaic pump system

3 Off-grid photovoltaic pump system electrical application solutions

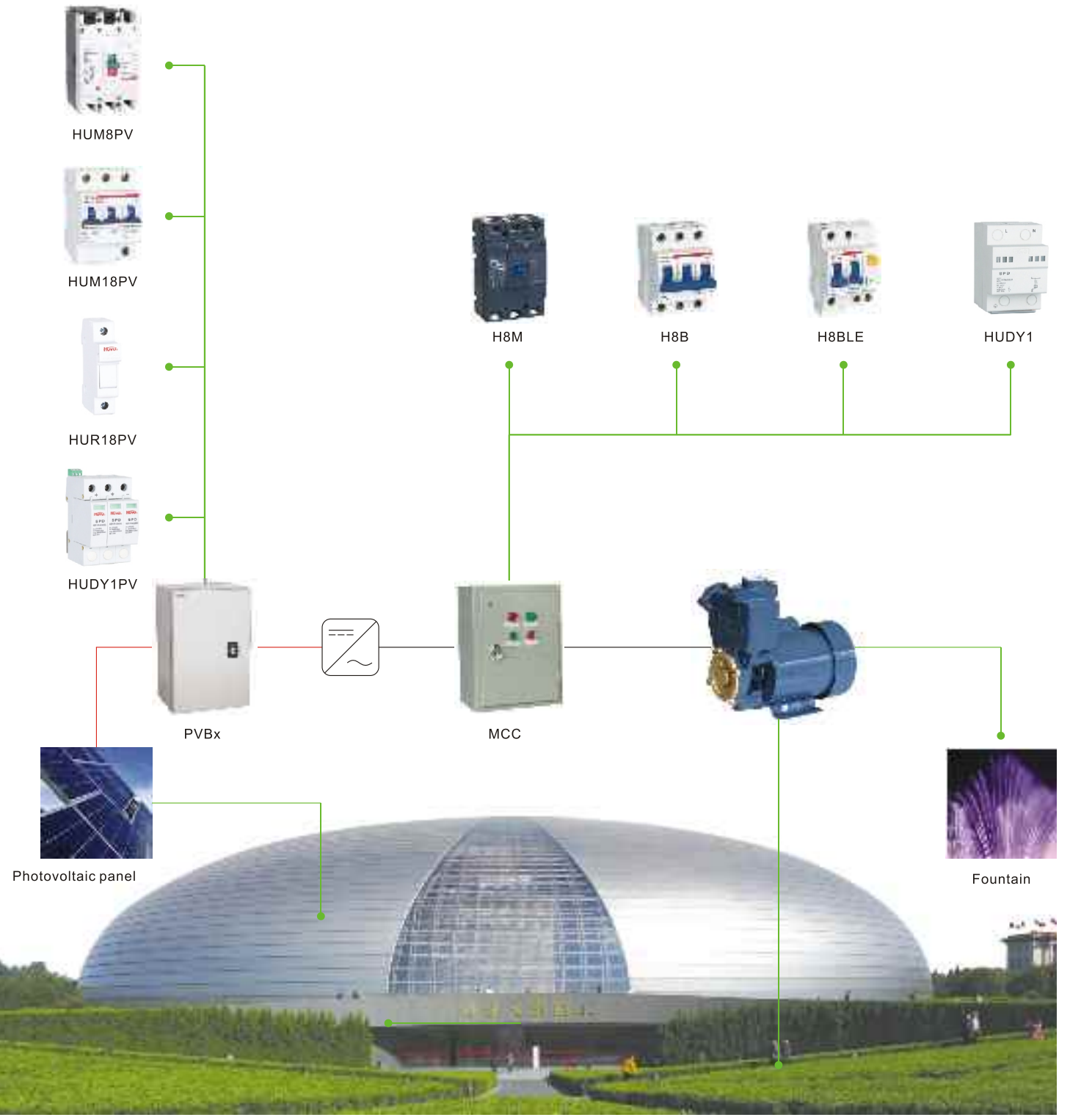
Solution one Irrigation photovoltaic off-grid system



Photovoltaic array

Irrigation

Solution two Fountain photovoltaic off-grid system



Photovoltaic panel

Fountain