



Gamesa Electric PV Station 7500




Larger MV solution
for LCoE reduction

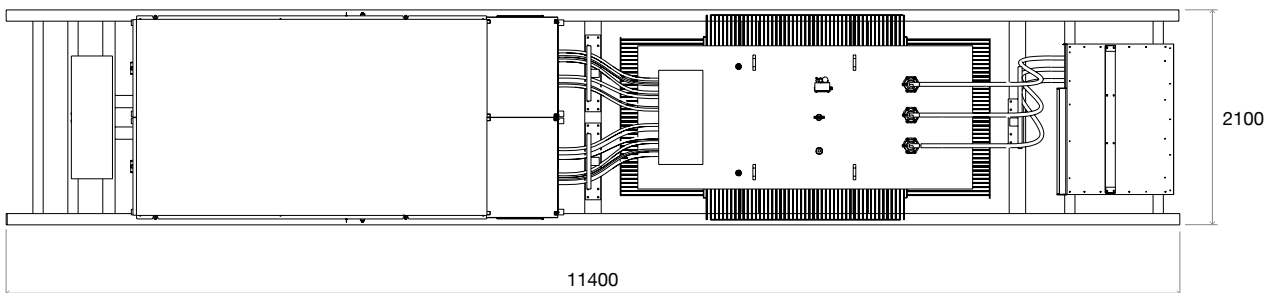
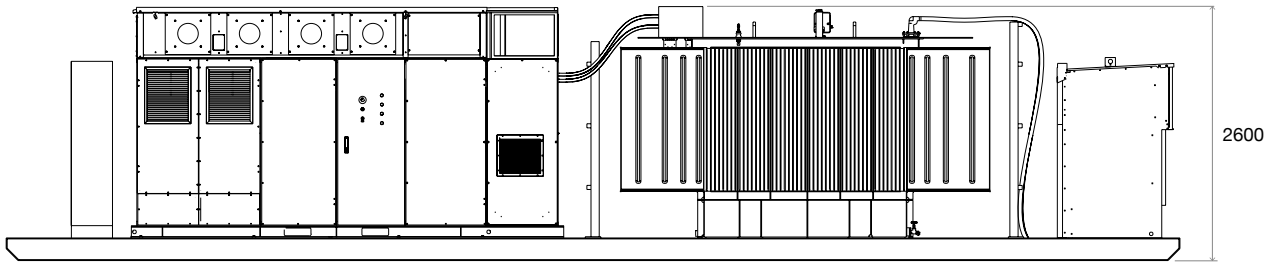




Gamesa Electric PV Station 7500

Plug & Play MV Solutions

 <p>Better LCoE</p>	<p>Compact design that achieves a high power density obtaining overall cost reduction by using less PV station units per project</p>	<p>Design with best-in-class components that guarantees less probability of failure and therefore less operation cost (materials and workforce)</p>	<p>Market leading inverter efficiency of 99%</p>
 <p>CAPEX reduction</p>	<p>Less units needed per project, which results in lower equipment cost</p>	<p>Reduced costs of transportation, offloading and site preparation</p>	<p>Solution delivered preassembled, configured and tested, reducing on-site labour cost</p>
 <p>Plug & play</p>	<p>Fully assembled and tested MV solution</p>	<p>Quick installation on field, reducing installation time and costs</p>	<p>Easy to support and maintain</p>



Shaping New Energy

	PV Station 7500	PV Station 3750
Input (DC)		
Number of inverters	2 x Gamesa Electric PV 3750	1 x Gamesa Electric PV 3750
DC voltage range, MPPT	915-1300 V	
DC voltage range	915-1500 V	
Maximum DC voltage	1500 V	
Maximum DC current @25°C	4 x 2070 A	2 x 2070 A
Maximum DC current @50°C	4 x 1990 A	2 x 1990 A
Number of DC ports	Up to 48 fuse +/- monitored Up to 72 fuse + monitored	Up to 24 fuse +/- monitored Up to 36 fuse + monitored
MPPT	2	1
Output (AC)		
AC output power @ PF=1, 25°C	7500 kVA	3750 kVA
AC output power @ PF=1, 50°C	7200 kVA	3600 kVA
Number of phases	3	
Frequency	50 / 60 Hz	
MV Switchgear	0L1V / 1L1V / 2L1V SF6 isolated up to 36 kV	
Transformer type	ONAN (KNAN as optional)	
Total Harmonic Distorsion (THD)	7.5 MVA Dyn11yn11	3.75 MVA Dyn11
Power factor	-1 to 1	
General Data		
Width/Height/Depth (W x H x D)	11400 x 2600 x 2100 mm	
Operation temperature*	-20°C to 60°C	
Maximum altitude (without derating)	2000 m	
Degree of protection	IP54, NEMA 3R	
Corrosion protection	C4H	
Cooling	Water & forced air	
Features		
Reactive control	YES (through external and internal configuration)	
LVRT capability	YES including reactive injection	
STATCOM mode for night compensation	YES	
HVRT capability	YES	
Communication protocol	Modbus TCP-IP	
Webserver	YES	
Optionals		
-40°C low temperature kit		
UPS for supplying trackers		
Motorized MV switchgear		
High corrosion protection kit		
Seismic reinforcement		

* With derating from 25°C



Reliability and maximum
power for best LCoE





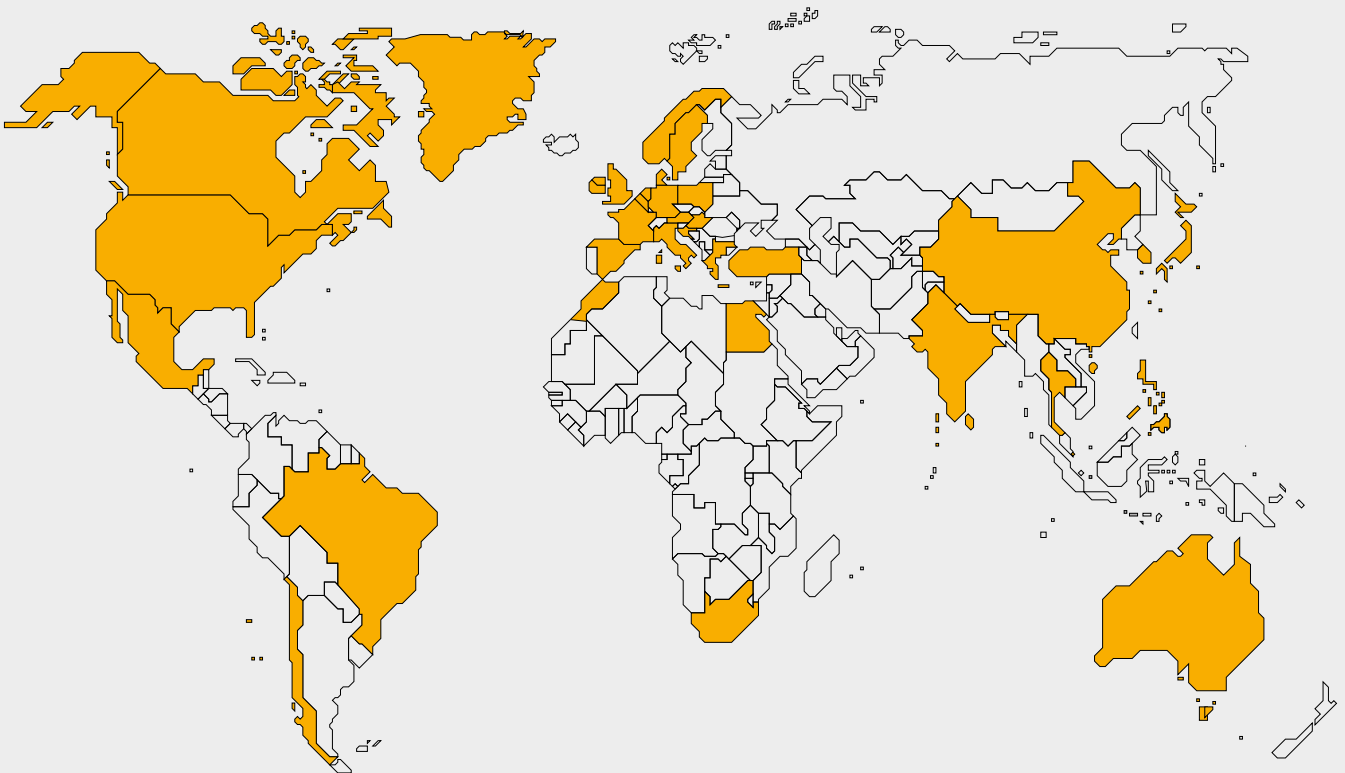
+2400
PV INVERTERS



84.5 GW
Wind & Solar
INSTALLED



+90
COUNTRIES



Worldwide presence

Australia
Austria
Belgium
Brazil
Canada

Chile
China
Croatia
Denmark
Egypt

France
Germany
Greece
Hong Kong
Hungary

India
Ireland
Italy
Japan
Korea

Mexico
Morocco
Netherlands
Norway
Philippines

Poland
Singapore
South Africa
Sri Lanka
Sweden

Thailand
Turkey
UK
USA

