

J7 Emporium Mixed Development

Electrical Main Equipment Specification Summary

1) Transformer

Type	:	Dry Transformer
Applicable standard:		BS EN 60076
Capacities	:	1600 kVA 2000 kVA 2500 kVA 3150 kVA
Power Loss	:	From 1600 kVA to 2000 kVA – Max. 0.009 kW/kVA From 2,500 kVA onwards – Max. 0.008 kW/kVA
Enclosure:	:	Plain sheet steel with louvres IP 20 rated Housing

Note: Refer the “J7 Emporium - Electrical Transformers, Generators & GIS Specification (R0)” for the full specification.

2) Diesel Generators

Type	:	Open Type Generator
Voltage	:	Option 1 – 11 kV Option 2 – 400 V
Rating	:	2500 kVA (Prime Rated) 2000 kVA (Prime Rated)
Cooling	:	Standard set-mounted radiator cooling
Engine	:	4 Stroke / 1500 rpm
Alternator	:	Synchronous / IP 23 / F Temperature Class / Star winding

Note: Refer the “J7 Emporium - Electrical Transformers, Generators & GIS Specification (R0)” for the full specification.

3) GIS Panel

Rating	:	11 kV
Applicable Standard:		BS EN 62271
Short Circuit Level	:	equivalent to 1,000 MVA or fault level confirmed by WAPDA

Note: Refer the “J7 Emporium - Electrical Transformers, Generators & GIS Specification (R0)” & “Electrical Schematic Diagram” for the full specification.