

# JUPITER-9000K-H0(Preliminary)

## Technical Specifications

Input	
Available Inverters	SUN2000-200KTL / SUN2000-215KTL / LUNA2000-200KTL
AC Power	9,000 kVA @40°C / 8,250 kVA @50°C <sup>1</sup>
Max. LV AC Inputs	44
Rated Input Voltage	800 V
Max. Input Current at Nominal Voltage	3247 A x 2 @40°C
LV Main Inputs	ACB (4000 A / 800 V / 3P, 2 x 1 pcs), MCCB (250 A / 800 V / 3P, 2 x 22 pcs)
Output	
Rated Output Voltage	33 kV <sup>2</sup>
Frequency	50 Hz <sup>2</sup>
Transformer Type	Oil-immersed, Conservator Type
Transformer Cooling Type	ONAN
Transformer Tappings	± 2 x 2.5%
Transformer Oil Type	Mineral Oil (PCB Free)
Transformer Vector Group	Dy11-y11
RMU Type	SF <sub>6</sub> Gas Insulated
RMU Transformer Protection Modules	MV Vacuum Circuit Breaker Modules
RMU Cable Incoming / Outgoing Modules	1 or 2 Cable Modules
Auxiliary Transformer	Dry Type Transformer, 3 kVA, Dyn11
Output Voltage of Auxiliary Transformer	230 / 400 Vac
Protection	
Transformer Monitoring & Protection	Oil Level, Oil Temperature, Oil Pressure and Buchholz
Protection Degree of MV & LV Room	IP 54
Internal Arcing Fault of RMU	IAC A 20 kA 1s
MV Relay Protection	50/51, 50N/51N
LV Overvoltage Protection	Type I+II
Anti-rodent Protection	C5 Medium in accordance with ISO 12944
Features	
2 kVA UPS	Optional <sup>3</sup>
Updated to 50 kVA Auxiliary Transformer	Optional <sup>3</sup>
IMD	Optional <sup>3</sup>
Safety Interlocking for STS	Optional <sup>3</sup>
MV Surge Arrester for MV VCB	Optional <sup>3</sup>
Updated to LBS Module as RMU Outgoing	Optional <sup>3</sup>
General	
Dimensions (W x H x D)	6,058 x 2,896 x 2,438 mm (20' HC Container)
Weight	< 30 t
Operating Temperature Range	-25°C ~ 60°C <sup>4</sup> (-13°F ~ 140°F)
Relative Humidity	0% ~ 95%
Max. Operating Altitude	1,000 m <sup>5</sup>
Enclosure Color	RAL 9003
MV-LV AC Connections	Prewired and Pretested, No Internal Cabling Onsite
Communication	Modbus RTU, Preconfigured with SmartACU2000D
Applicable Standards	IEC 62271-202, EN 50588-1, IEC 60076, IEC 62271-200, IEC 61439-1

1 - More detailed AC power of STS, please refer to the de-rating curve.

2 - Rated output voltage from 10 kV to 35 kV, more available upon request

3 - Extra expense needed for optional features which standard product doesn't contain, more options upon request.

4 - When ambient temperature ≥55°C, awning shall be equipped for STS on site by customer.

5- For higher operating altitude, pls consult with Huawei.