



Mainstream 1MW subarray 20 foot container

Shinson-1000-MV
Shinson PV Station For 1500 V string inverter 330K and 330K-5G

Integrated delivery

Mainstream 1MW subarray, widely used global 20 foot standard container delivery, easy transport

Convenient installation

A complete solution, from inverter to main step-up transformer
When the container is lifted to the foundation, only LV and MV cables need to be connected

Reliable products

LV panel, transformer and RMU be placed independently
Adopt international first-line brand equipment with reliable quality

Easy O&M

Full frontal maintenance design. Modular design of MV equipment, easy to replace

Shinson PV Station For 1500 V string inverter 330K and 330K-5G

Model Name	Shinson - 1000 - MV
	LV Panel
MCCB specification	250 A / 800 Vac / 3P, 4 pcs
ACB specification	1000 A / 800 Vac / 3P, 1 pcs
Connection form with transformer	Copper busbar
	Transformer
Transformer type	Oil immersed
Rated output power	1000 kVA @ 40°C
Max output power	1100 kVA @ 40°C 3h
LV/MV voltage	0.8 kV / 20 - 35 kV
Maximum input current	736 A
Tapping on HV	±2*2.5%
Vector group	Dy11
Frequency	50 Hz / 60 Hz
cooling type	ONAN
Impedance	0.065
Oil type	Mineral oil (Optional: plant oil)
Winding material	Al (Optional: Cu)
Insulation class	A
Connection form with MV switchgear	Cable
	MV Switchgear
Type of insulate	SF6
Rate voltage	24 - 36 kV
Rate current	630 A
internal arcing fault	20 kA / 1 s
Qty of feeder	3 feeders
LV surge protection	AC type I+II
AC input protection	Circuit breaker
Transformer protection	Oil - temperature, oil - level, oil - pressure
Fire protection	Smoke detection, emergency lighting
	General Data
Dimensions (W*H*D)	6058*2896*2438 mm
Approximate weight	12 T
Operating temperature range	-25 ~ +60°C
Operating altitude	1000 m (standard)
Auxiliary power supply	5 kVA / 230 V (Optional: max. 40 kVA)
UPS	1 kVA 30 min (Optional: max. 2 kVA 2h)
Degree of protection	IP54
Allowable relative humidity range	0 - 95%
Comunication	RS485, Ethernet, Optical fiber
Compliance	IEC 60076, IEC 62271, IEC61439