

DS

Delivery Station – Full Indoor



Custom design based on
customer requirements



Oil collection
tank included



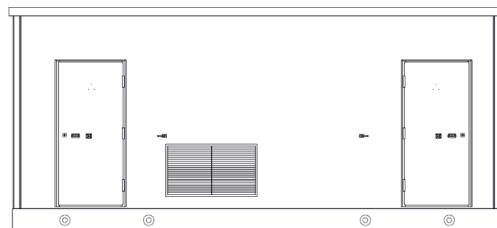
Made in Europe



Transportation &
unloading included

Meins Delivery Station is a Plug & Play solution designed for collecting the MV circuits of a solar plant.

It consists of a precast Concrete enclosure equipped with Aux Panel and MV Switchgear, as well as an Auxiliary Transformer.



Technical Specifications

Auxiliary transformer	
Transformer type	Supply of single-phase auxiliary transformer, resin cast type
Ac Power	10 kVA
Vector group	NA
MV Voltage	30 kV
LV Voltage	230 V
Frequency	50 Hz
Off load tap changer	NA
Maximum no-load loss	TBD
Maximum load losses	TBD
Insulation class E	Cast resin
Short circuit Voltage	NA
Winding material	Cu
Others	MV Bushing type C
MV Switchgear	
Insulation type	SF6
Rated voltage	36 kV
Rated current rating	1250 A
Short time current	Up to 40 kA / 3 s
Configuration	1 x Outgoing + 3 x Feeder (Motorized CB) + 1 x Aux Transformer (Manual CB)
Transformer protection device	Outgoing: Not considered / Feeder: Relay ANSI 50,51,50N,51N / Aux Transformer (Manual CB)
Others	Voltage presence device, trip coil and closing coil, bushing type C, grounding terminal, interlocking as per SLD R02, internal arc compliance
Aux panel	
Main protection specification	1 x 40 A / 230 Vac / 10 kA / 2P
MCB & RCCB specification	As per SLD
UPS	3 kVA, single phase, 50 Hz, 30' autonomy at full load
Others	I/O Device for PS signal monitoring (optional), Surge arrester Class II
Others	
Miscellaneous	Lighting, socket, earthing system, smoke detector, intrusism detector, 5 Kg CO2 fire extinguisher, security tools
General	
Structure material	Reinforced and vibrated concrete
Dimensions (W x D x H)	6600 x 2600 x 3240 mm
Weight	< 24 Tn
Operation temperature range	-15 °C ~ 60°C (-13 °F ~ 140 °F)
Protection rating	IP54 / C5 coating in carpenteries / C3 in MV switchgear and aux transformer
Relative humidity	0% ~ 95%
Max. operating altitude	2000 m (higher altitude available as optional)
Standards	REBT, RAT, IEC 60076, IEC 61439-1, IEC 62271-200, IEC 62271-202, UNE-EN 13501-2:2019