



PROJECT

Country	Estonia
Project name	2020-10-01_1036

PV MODULE

Modul manufacturer	Shanghai JA Solar Technology Co. Ltd.
Model	JAM60S09-325/PR (1000V)
Min. / Max. module temperature	-32 °C / 70 °C (-26 °F / 158 °F)

INVERTER

Inverter type	Symo 20.0-3-M
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SUMMARY

Inverter ratio	119%	
Pmpp bei 25 °C (77 °F)	24.38 kWp	
MPPT	PV1: 3x20	PV2: 1x15
Current Factor	1.00	

MPPT DETAILS

	PV1	PV2
String (str. x mod.)	3 x 20	1 x 15
Isc at 25 °C (77 °F)	30.75 A	10.25 A
Ump at 70 °C (158 °F)	557.99 V	418.49 V
Uoc at -32 °C (-26 °F)	961.16 V	720.87 V
Ump at 25 °C (77 °F)	668.80 V	501.60 V
Pmpp bei 25 °C (77 °F)	19.50 kWp	4.88 kWp
String fuses required	yes	no
String combiner required	no	no