



SMA Solar Technology AG
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



SUNNY BOY

Solar Inverter
 Engineered in Germany, made in China

Model
SB5.0-1AV-41
 Serial No.
3008353454

PIC: 003783007749334
 RID: TC24EA
 WPA2-PSK: XZTNSFJ67YL3UVJ6

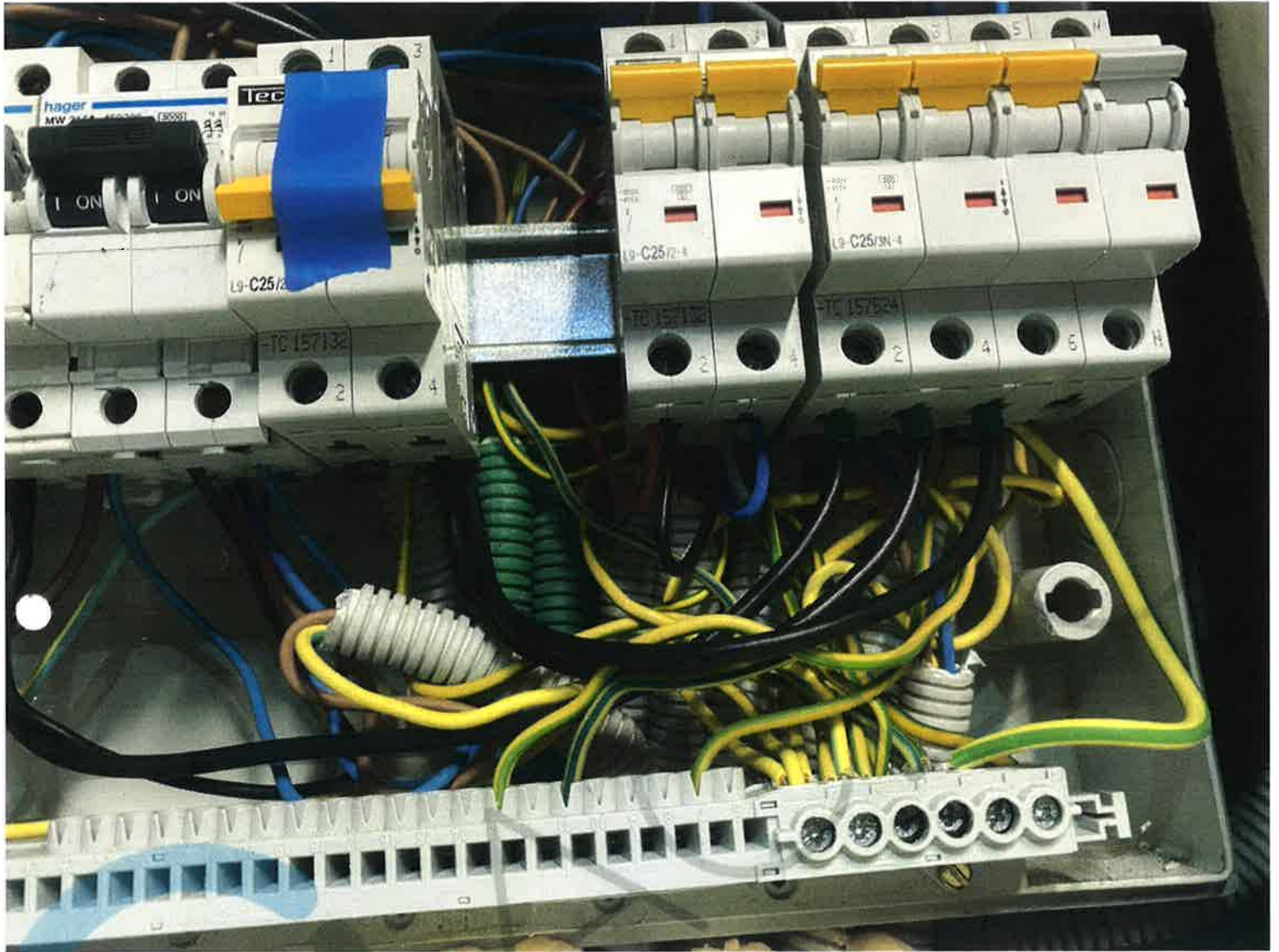
 	V_{DC max}	600 V
	V_{DC MPP}	125 - 500 V
	I_{DC max}	2x15 A
	I_{SC PV}	2x20 A
	V_{AC,r}	220 / 230 / 240 V
	P_{AC,r}	5000 W *1
	S_{max}	5000 VA *1
	f_{AC,r}	50 / 60 Hz
	I_{AC max}	22.8 A *2
	COS(φ)	0.8...1...0.8 overexcited underexcited



IP65		max: 17.5kg
Protective class	I	Overvoltage category III
		
Date of manufacture 2020-04-23		

*1: VDE AR-N 4105:
 Pacr 4600 W,
 Smax 4600 VA
 *2: AS4777; Iac max: 21.7 A
 Supported DRM-Modest:
 0,5,6,7,8





Eurotest 61557

METREL

500V *M Ω

104.2 M Ω Um 520V

FUNC Uiso Llim

61537

METREL

