

Declaration of Regional Safety Regulation

We

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declare that the declaration is issued for following product which designed by Alpha ESS.

Model name:

SMILE5-INV, SMILE-B3, SMILE-B3-PLUS, SMILE-S6-HV-INV, SMILE-T10-HV-INV, SMILE-G3-S5-INV

All these inverters are complaint with the latest standard AS/NZS 4777.2 2020. The power quality settings are defined by region of installation: Australia A, B and C which is defined according to the latest AS/NZS4777.2 2020. And all values of Volt-Watt, Volt-Var and Frequency Response are also available in latest AS/NZS 4777.2:2020. The table below provides a list of the regions and the corresponding Distribution Network Service Provider (DNSP):

Region	Distribution Network Service Providers (DNSP)
Australia A	Ausgrid, AusNet Services, Endeavour Energy, Essential Energy, Ergon Energy and Energex, EvoEnergy, Jemena, CitiPower, Powercor, United Energy and SA Power Networks
Australia B	Western Power and Power & Water
Australia C	Horizon Power and TasNetworks

Singed for and on behalf of:

Jester Li
Certification Manager
Alpha ESS Co., Ltd.

Nantong

2022-09-22

Place of issue

Date of issue

How to Select/Check the regional safety regulation:

Alpha Cloud → Safety → Inverter Information

Inverter Information		
Model	PV Installed Capacity	Rated Output Power [kW]
Smile5-INV	12.8	5
Inverter SN	PV installed capacity on the side of PV inverter [kWp] ⓘ	PV Installed Capacity On the Side of the Energy Storage
	6.4	System [kWp] ⓘ
		6.4
PV Meter Reversed	Grid Meter Reversed	Safety
Normal	Normal	AS4777.2:2020
Regional application standard ⓘ	Power Factor	5-minute Average Voltage
Australia A	100	0