

Annex to the EU Declaration of Conformity

INTILION | scalestac

Variants: power, power boost

Scalable AC-coupled lithium-ion battery storage system for indoor installation with 25 kVA to 400 kVA nom. power and 123 kWh to 616 kWh nom. energy content

Main international and European standards used for the assessment

Directive 2014/35/EU (LVD)		
Norm		scalestac component
EN IEC 61439-1:2021	Low-voltage switchgear and controlgear assemblies – Part 1: General rules	Control cabinets +ACC/+ICU, +IPCS, +IBU/+DCC
EN IEC 61439-2:2021	Low-voltage switchgear and controlgear assemblies – Part 2: Power switchgear and controlgear assemblies	Control cabinets +ACC/+ICU, +IPCS, +IBU/+DCC
EN 62109-1:2010	Safety of power converters for use in photovoltaic power systems – Part 1: General requirements	Inverter TRUMPF Hüttinger TruConvert AC3025
IEC 60730-1:2013, modified + COR1:2014 + A1:2015	Automatic electrical controls – Part 1: General requirements	Battery Narada 51.2 NESP Series Narada 76.8 NESP Series
Directive 2014/30/EU (EMC)		
Norm		scalestac component
EN 61000-6-2:2005	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments	Battery Narada 51.2 NESP Series Narada 76.8 NESP Series
EN 61000-6-4:2007 + A1:2011	Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments	Battery Narada 51.2 NESP Series Narada 76.8 NESP Series
EN 62040-2:2006/AC Klasse C2	Uninterruptible power systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements	Inverter TRUMPF Hüttinger TruConvert AC 3025
Further applicable standards		
Norm		scalestac component
IEC 62619:2017	Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for secondary lithium cells and batteries, for use in industrial applications	Battery Narada 51.2 NESP Series Narada 76.8 NESP Series

Paderborn, 2023-07-14

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