



Product Service

Compliance Document

No. D 110886 0014 Rev. 00

Holder of Certificate: **Shenzhen Ates Power Technology Co.,Ltd**
2nd Floor, No.23 Zhulongtian Road
Shuitian Community, Shiyan Street
Baoan District
518000 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Energy Storage Inverter)

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290243022801

Date, 2024-08-16

(Billy Qiu)



Product Service

Compliance Document

No. D 110886 0014 Rev. 00

Model(s): PCS1000

Parameters:

Model	PCS1000
Battery input/output parameters	
Battery type	Lithium-ion
Maximum voltage [V _{DC}]	860
Battery rated voltage [V _{DC}]	768
Battery voltage range [V _{DC}]	650-860
Maximum charge power [kW]	750
Maximum discharge power [kW]	1040
Maximum charge current [A _{DC}]	1154
Maximum discharge current [A _{DC}]	1600
Maximum charge power from grid to battery [kW]	750
Grid terminal input parameters	
Rated input voltage [V _{AC}]	3P+PE, 400
Rated input frequency [Hz]	50
Maximum continuous input current from grid to battery [A _{AC}]	1082.5
Maximum continuous input current [A _{AC}]	1082.5
Maximum continuous input power from grid to battery [kW]	750
Maximum continuous input active power [kW]	750
Maximum continuous input apparent power [kVA]	750
Grid terminal output parameters	
Rated output voltage [V _{AC}]	3P+PE, 400
Rated output frequency [Hz]	50
Rated output current [A _{AC}]	1443
Maximum continuous output current [A _{AC}]	1443
Rated output active power [kW]	1000
Maximum output active power [kW]	1000
Maximum output apparent power [kVA]	1000
Power factor range	0.9 inductive(under-excited) to 0.9 capacitive(over-excited)

Tested according to:

Grid Connection Code for RPPs in South Africa(Version 3.1):2022