
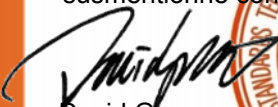


VERIFICATION OF COMPLIANCE

No. / Numéro:	GZES2409018576PV
Applicant / Demandeur:	Enercap Power industries LLC 604 Lake Central Business Bay, Dubai, United Arab Emirates
Manufacturer / Fabricant:	Enercap Power industries LLC 604 Lake Central Business Bay, Dubai, United Arab Emirates
Product Name / Nom du produit:	Bidirectional Battery Inverter
Product Description / Description du produit:	Inverter used in Battery system
Model No / Numéro de modèle:	PCS630, PCS500, PCS315, PCS250, PCS100
Trade Mark / Marque déposées:	 POWER FOR LIFE
Rating / Notation:	Refer to page 2 / Eportez-vous aux pages 2
Protection against Electric Shock / Protection contre les chocs électriques:	Class I
Degree of Protection / Degré de protection:	IP20
Additional Information (if any) / Informations supplémentaires (le cas échéant):	DSP Software Version: PCS50_630_HV3_SV1.1.26_APP LCD Software Version: PCS50_630K_FLEXEMScreen_HV1.0_SV1.1.15
Sufficient samples of the product have been tested and found to be in conformity with / Des échantillons suffisants du produit ont été testés et jugés conformes à	
Test Standard / Norme de test:	VDE 0126-1-1:2013 Enedis-PRO-RES_10E:26/06/2020 VFR:2013 VFR:2014 VFR:2019 UTE C15-712-1 (JUILLET 2013)
as shown in the / comme indiqué dans Test Report Number(s) / Numéro du rapport de test:	GZES240901857601 GZES240901857602

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards. / Cette vérification de conformité a été accordée au demandeur sur la base des résultats des tests effectués par le laboratoire de SGS-CSTC Standards Technical Services Co., Ltd. sur un échantillon du produit susmentionné conformément aux dispositions des normes spécifiques pertinentes.


David Guo

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-02-12

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www.sgs.com.cn
Member of the SGS Group (SGS SA)

No. / Numéro: GZES2409018576PV

Other information added / Informations supplémentaires ajoutées:

Rating / Notation:

Model	PCS100	PCS250	PCS315	PCS500	PCS630
DC Input					
Battery voltage range	500 V ~ 820 V		600 V ~ 900 V		
Battery Max. charge/discharge power	110 kW	275 kW	346.5 kW	550 kW	693 kW
Battery Max. charge/discharge current	220 A	550 A	577 A	917 A	1155 A
AC Output					
Rated grid voltage	3/PE, 400 V _{ac}				
Rated grid frequency	50 Hz/60 Hz				
Rated power	100 kW	250 kW	315 kW	500 kW	630 kW
Rated Apparent power	100 kVA	250 kVA	315 kVA	500 kVA	630 kVA
Rated current	144 A	361 A	455 A	722 A	909 A
Output power factor	0.8 lagging ~ 0.8 leading				
General Data					
Operating temperature range	-25 °C ~ +55 °C				
Protection degree	IP20				
Protective class	Class I				
Cooling method	Intelligent air cooling				
Topology	Isolated				



David Guo

Technical Manager

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