



**BUREAU
VERITAS**

Certificate of compliance

Manufacturer / applicant: KACO new energy GmbH
Carl-Zeiss-Straße 1
74172 Neckarsulm
Germany

Product type: Grid-tied photovoltaic inverter

Model:

Powador 3200	Powador 7900
Powador 4200	Powador 7900 supreme
Powador 4400	Powador 8600
Powador 5300	Powador 8600 supreme
Powador 5500	Powador 9600
Powador 6600	Powador 9600 supreme
Powador 7700	
Powador 7700 supreme	

The certificate refers to the stated model(s) which passed the tests according to the applicable standard(s):

IEC 62109-1:2010, EN 62109-1:2010, DIN EN 62109-1:2011
Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

IEC 62109-2:2011, EN 62109-2:2011, DIN EN 62109-2:2012
Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

Report number: 10TH0367-IEC62109-1
10TH0376-IEC62109-2
10TH0365-IEC62109-1
10TH0365-IEC62109-2

Certificate number: U18-0281

Date of issue: 2018-05-22

Certification body



DAkks
Deutsche
Akkreditierungsstelle
D-ZE-12024-01-00

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO / IEC 17065

Grid-tied photovoltaic inverter ratings

Ratings..... :	Powador					
	3200	4200	4400	5300	5500	6600
MPP DC voltage range [V]	350 – 600					
Input DC voltage range [V]	350 – 800					
Input DC current [A]..... :	8,6	11,5	12,0	14,5	15,2	18,0
Output AC voltage [V]..... :	230 / N / PE					
Output AC current [A]	11,3	15,0	15,6	19,1	20,0	23,9
Output power [VA]	2600	3450	3600	4400	4600	5500

Ratings..... :	Powador							
	7700	7900	8600	9600	7700 supreme	7900 supreme	8600 supreme	9600 supreme
MPP DC voltage range [V]	350 – 600				350 – 510			
Input DC voltage range [V]	350 – 800				350 – 600			
Input DC current [A]..... :	19,0	19,7	21,4	24,0	19,0	19,7	21,4	24,0
Output AC voltage [V]..... :	230 / 50Hz single phase (N; PE)							
Output AC current per phase [A] . :	27,8	28,9	31,3	35,0	27,8	28,9	31,3	35,0
Output power [VA]	6400	6650	7200	8000	6400	6650	7200	8000