

# Repowering solutions for PVI and Powador inverters.

Previous inverter	Repowering inverter	Comment
<b>PVI 00 series, transformerless</b>		
PVI 2600 - 2.0 kW	Powador 4400 - INT blueplanet 3.0 TL1 M1	max. input voltage of repowering inverter: 600 VDC
PVI 2600 - 2.6 kW	Powador 4400 - INT blueplanet 3.0 TL1 M1	max. input voltage of repowering inverter: 600 VDC
PVI 4000 - RS485 (IP21)	Powador 5500 - INT blueplanet 4.6 TL1 blueplanet 5.0 TL3	max. input voltage of repowering inverter: 600 VDC repowering inverter: 3-phase
PVI 5000 - RS485 (IP21)	Powador 6600 - INT blueplanet 6.5 TL3	repowering inverter: 3-phase
<b>PVI 00i series, transformerless</b>		
PVI 2500i	Powador 4400 - INT blueplanet 3.0 TL1 M1	max. input voltage of repowering inverter: 600 VDC
PVI 4000i - RS485	Powador 5500 - INT blueplanet 4.6 TL1 blueplanet 5.0 TL3	max. input voltage of repowering inverter: 600 VDC repowering inverter: 3-phase
PVI 4500i - RS485	Powador 5500 - INT blueplanet 5.0 TL1 blueplanet 5.0 TL3	max. input voltage of repowering inverter: 600 VDC repowering inverter: 3-phase
PVI 5000i	Powador 6600 - INT blueplanet 6.5 TL3	repowering inverter: 3-phase
<b>Powador 00xi series, transformerless</b>		
Powador 2500xi	Powador 4400 - INT blueplanet 3.0 TL1 M1 blueplanet 3.0 TL1 M2	max. input voltage of repowering inverter: 600 VDC
Powador 3500xi	Powador 4400 - INT	
Powador 3600xi	Powador 4400 - INT blueplanet 3.7 TL1	max. input voltage of repowering inverter: 600 VDC
Powador 4000xi	Powador 5500 - INT blueplanet 4.6 TL1 blueplanet 5.0 TL3	max. input voltage of repowering inverter: 600 VDC repowering inverter: 3-phase
Powador 4500xi	Powador 6600 - INT blueplanet 4.6 TL1 blueplanet 5.0 TL3	max. input voltage of repowering inverter: 600 VDC repowering inverter: 3-phase
Powador 5000xi	Powador 6600 - INT blueplanet 6.5 TL3	repowering inverter: 3-phase
Powador 6400xi	Powador 9600 - INT blueplanet 6.5 TL3	repowering inverter: 3-phase
Powador 6650xi	Powador 9600 - INT blueplanet 7.5 TL3	repowering inverter: 3-phase
Powador 7200xi	Powador 9600 - INT blueplanet 7.5 TL3	repowering inverter: 3-phase
Powador 8000xi	Powador 9600 - INT blueplanet 9.0 TL3	repowering inverter: 3-phase

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<b>Powador 00 series, transformerless</b>		
Powador 3200 - INT	Powador 4400 - INT blueplanet 3.0 TL1 M1	max. input voltage of repowering inverter: 600 VDC
Powador 4200 - INT	Powador 4400 - INT blueplanet 3.7 TL1	max. input voltage of repowering inverter: 600 VDC
Powador 4400 - INT	Powador 4400 - INT	
Powador 5300 - INT	Powador 5500 - INT blueplanet 4.6 TL1 blueplanet 5.0 TL3	max. input voltage of repowering inverter: 600 VDC repowering inverter: 3-phase
Powador 5500 - INT	Powador 5500 - INT blueplanet 4.6 TL1 blueplanet 5.0 TL3	max. input voltage of repowering inverter: 600 VDC repowering inverter: 3-phase
Powador 6600 - INT	Powador 6600 - INT blueplanet 6.5 TL3	repowering inverter: 3-phase
Powador 7700 - INT	Powador 9600 - INT blueplanet 6.5 TL3	repowering inverter: 3-phase
Powador 7900 - INT	Powador 9600 - INT blueplanet 7.5 TL3	repowering inverter: 3-phase
Powador 8600 - INT	Powador 9600 - INT blueplanet 7.5 TL3	repowering inverter: 3-phase
Powador 9600 - INT	Powador 9600 - INT blueplanet 9.0 TL3	repowering inverter: 3-phase
<b>Powador 00xi series, transformerless</b>		
Powador 25000xi	Powador 30.0 TL3	
Powador 30000xi	Powador 33.0 TL3	
Powador 33000xi	Powador 36.0 TL3	
<b>Powador 01xi series, galvanically isolated</b>		
Powador 1501xi	Powador 2002 - INT	
Powador 2501xi	Powador 3002 - INT	min. input voltage of repowering inverter: 200 VDC
Powador 3501xi	Powador 4202 - INT	min. input voltage of repowering inverter: 200 VDC
Powador 4501xi	Powador 6002 - INT	min. input voltage of repowering inverter: 200 VDC
Powador 5001xi	Powador 6002 - INT	min. input voltage of repowering inverter: 200 VDC
<b>Powador 02 series, galvanically isolated</b>		
Powador 2002 - INT	Powador 2002 - INT	
Powador 3002 - INT	Powador 3002 - INT	
Powador 4202 - INT	Powador 4202 - INT	
Powador 5002 - INT	Powador 5002 - INT	
Powador 6002 - INT	Powador 6002 - INT	

Nonbinding examples of repowering possibilities for older KACO new energy inverter models, other system-specific characteristics (e.g. string configuration, grid code requirements, system balance, monitoring concept, mechanical dimensions, etc.) have to be checked individually.