



TS4

Overview of approved SMA inverters

The following overview provides a list of SMA inverters that are compatible with TS4 lids. The TS4 lids are to be used in TS4-R Retrofit models and smart modules.

Device type	Compatible with:	Comment
SB1.5-1VL-40	TS4-D	
SB2.0-1VL-40	TS4-M / TS4-R-M-Duo	
SB2.5-1VL-40	TS4-S / TS4-R-S-Duo	
	TS4-O / TS4-R-O-Duo	
	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 520 V
SB3.0-1AV-40	TS4-D	
SB3.6-1AV-40	TS4-M / TS4-R-M-Duo	
SB4.0-1AV-40	TS4-S / TS4-R-S-Duo	
SB5.0-1AV-40	TS4-O / TS4-R-O-Duo	
	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 500 V
SB3.0-1AV-41	TS4-D	
SB3.6-1AV-41	TS4-M / TS4-R-M-Duo	
SB4.0-1AV-41	TS4-S / TS4-R-S-Duo	
SB5.0-1AV-41	TS4-O / TS4-R-O-Duo	
SB6.0-1AV-41	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 500 V
SB3.0-1SP-US-40	TS4-D	
SB3.8-1SP-US-40	TS4-M / TS4-R-M-Duo	
SB5.0-1SP-US-40	TS4-S / TS4-R-S-Duo	<ul style="list-style-type: none"> The secure power supply operation does not work.
SB6.0-1SP-US-40	TS4-O / TS4-R-O-Duo	<ul style="list-style-type: none"> The secure power supply operation does not work.
SB7.0-1SP-US-40		
SB7.7-1SP-US-40		

Device type	Compatible with:	Comment
SB3.0-1TP-US-41	TS4-D	
SB3.0-1SP-US-41	TS4-M / TS4-R-M-Duo	
SB3.8-1TP-US-41	TS4-S / TS4-R-S-Duo	<ul style="list-style-type: none"> The secure power supply operation does not work.
SB3.8-1SP-US-41	TS4-O / TS4-R-O-Duo	<ul style="list-style-type: none"> The secure power supply operation can be enabled if the secure power supply module has been installed according to the technical information "TECHN_SPS-SwitchwTS4-H-en". This document can be found at http://www.SMA-America.com.
SB5.0-1TP-US-41	TS4-R-F-42	<ul style="list-style-type: none"> The secure power supply operation does not work. The inverter of the SB-US-41 series are only compatible with Sunspec-certified TS4 devices.
SB5.0-1SP-US-41		
SB6.0-1TP-US-41		
SB6.0-1SP-US-41		
SB7.0-1TP-US-41		
SB7.0-1SP-US-41		
SB7.7-1TP-US-41		
SB7.7-1SP-US-41		
SB 3000TL-US-22	TS4-D	
SB 3800TL-US-22	TS4-M / TS4-R-M-Duo	
SB 4000TL-US-22	TS4-S / TS4-R-S-Duo	<ul style="list-style-type: none"> The secure power supply operation does not work.
SB 5000TL-US-22	TS4-O / TS4-R-O-Duo	<ul style="list-style-type: none"> The secure power supply operation does not work.
SB 6000TL-US-22		
SB 7000TL-US-22		
SB 7700TL-US-22		
SB 3500TL-JP-22/MP	TS4-D	
SB 4500TL-JP-22/MP	TS4-M / TS4-R-M-Duo	
SB 5400TL-JP-22/MP	TS4-S / TS4-R-S-Duo	
	TS4-O / TS4-R-O-Duo	
	TS4-L	
STP 5000TL-20	TS4-D	
STP 6000TL-20	TS4-M / TS4-R-M-Duo	
STP 7000TL-20	TS4-S / TS4-R-S-Duo	
STP 8000TL-20	TS4-O / TS4-R-O-Duo	
STP 9000TL-20	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 800 V
STP 10000TL-20		
STP 12000TL-20		
STP3.0-3AV-40	TS4-D	
STP4.0-3AV-40	TS4-M / TS4-R-M-Duo	
STP5.0-3AV-40	TS4-S / TS4-R-S-Duo	
STP6.0-3AV-40	TS4-O / TS4-R-O-Duo	
STP8.0-3AV-40	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 800 V
STP10.0-3AV-40		

Device type	Compatible with:	Comment
STP 15000TL-30	TS4-D	
STP 20000TL-30	TS4-M / TS4-R-M-Duo	
STP 25000TL-30	TS4-S / TS4-R-S-Duo	
STP 25000TL-JP-30	TS4-O / TS4-R-O-Duo	
	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 800 V
STP 12000TL-US-10	TS4-D	
STP 15000TL-US-10	TS4-M / TS4-R-M-Duo	
STP 20000TL-US-10	TS4-S / TS4-R-S-Duo	
STP 24000TL-US-10	TS4-O / TS4-R-O-Duo	
STP 30000TL-US-10	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 800 V
STP 10000TLEE-JP-10	TS4-D	
STP 10000TLEE-JP-11	TS4-M / TS4-R-M-Duo	
	TS4-S / TS4-R-S-Duo	
STP 50-40	TS4-D	
STP 50-US-40	TS4-M / TS4-R-M-Duo	
STP 50-JP-40	TS4-S / TS4-R-S-Duo	
	TS4-O / TS4-R-O-Duo	
	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 800 V
STP 50-US-41	TS4-D	
STP 33-US-41	TS4-M / TS4-R-M-Duo	
STP 62-US-41	TS4-S / TS4-R-S-Duo	
	TS4-O / TS4-R-O-Duo	
	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 800 V
	TS4-R-F-42	<ul style="list-style-type: none"> The inverter of the STP-US-41 series are only compatible with Sunspec-certified TS4 devices.
STP 60-10	TS4-D	
STP 60-US-10	TS4-M / TS4-R-M-Duo	
STP 60-JP-10	TS4-S / TS4-R-S-Duo	
	TS4-O / TS4-R-O-Duo	
	TS4-L	<ul style="list-style-type: none"> Maximum voltage of the PV system: 800 V

Device type	Compatible with:	Comment
SHP 75-10	TS4-D	
SHP 100-20	TS4-M / TS4-R-M-Duo	
	TS4-S / TS4-R-S-Duo	
	TS4-O / TS4-R-O-Duo	