



## COMPARISON CHART FOR SPS BRAND AVR

SR NO.	AVR MODEL	ALTERNATOR TYPE		SPECIFICATIONS										
		BRUSHLESS TYPE	SLIPRING TYPE	INPUT AC VOLTS	INPUT AC VOLTS SENSING	OUTPUT DC VOLTS	OUTPUT DC AMPERE	MIN. FIELD OHMS	FREQUENCY	SYNCHRONIZING FACILITY	REMOTE POT	SENSE LOSS	50 Hz INDICATOR	OTHER STANDARD FEATURES
		1	SPS-101	✓		230	415	100	4	12	50/60 POT ADJUST	X	X	X
2	SPS-101 (1 PHASE TYPE)	✓		230	230	100	4	12	50/60 POT ADJUST	X	X	X	X	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, FUSE
3	TRANS-52	✓		230	415	100	4	12	50/60 POT ADJUST	X	✓	✓	X	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, SL LED, FUSE
4	TRANS-52 (1 PHASE TYPE)	✓		230	230	100	4	12	50/60 POT ADJUST	X	✓	✓	X	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, SL LED, FUSE
5	SPS-2000	✓		230	415	100	6	12	50/60 POT ADJUST	X	X	✓	X	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, SL LED, FUSE
6	SPS-43 ( Common model for 3Ph & 1PH alternator)	✓		230	415	100	4	18	50/60 POT ADJUST	✓	✓	X	X	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, FUSE
7	SPS-200 ( Common model for 3Ph & 1PH alternator)	✓	✓	230	415	200	4	20	50/60 POT ADJUST	✓	✓	X	X	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, FUSE
9	AF-460	✓		180-265	180-265	100	4	12	50/60 LINK SELECT	X	X	X	X	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, FUSE
15	SPS-3806 (common model for 3Ph & 1Ph alternator)		✓	230	415	380	6	24	50/60 LINK SELECT	X	X	X	✓	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, 50 Hz LED, FUSE
16	SPS-3810 (common model for 3Ph & 1Ph alternator)		✓	230	415	380	10	24	50/60 LINK SELECT	X	X	X	✓	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, 50 Hz LED, FUSE
17	SPS-3815		✓	230	415	380	15	24	50/60 LINK SELECT	X	X	X	✓	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, 50 Hz LED, FUSE
18	SPS-3000 (custom built model as per customer's specifications)	✓	✓	230	415	100 to 380	4 to 35	4 to 60	50/60	X	X	X	✓	VOLTS, STAB, UFRO, OE, UFRO LED, OE LED, 50 Hz LED, FUSE

**NOTE:**

- 1) FOR MORE DETAILS PLEASE DOWNLOAD TECHNICAL DATA SHEET OF INDIVIDUAL AVR MODELS FROM OUR WEBSITE [spsindia.biz](http://spsindia.biz)
- 2) ABOVE CHART IS FOR INDICATIVE PURPOSE ONLY. IT IS RECOMMENDED TO STUDY THE TECHNICAL DETAILS OF ALTERNATOR BEFORE INSTALLING AVR
- 3) IT IS ADVISIBLE TO SELECT AVR BASED ON EXCITATION VOLTAGE AND EXCITATION CURRENT SPECIFIED ON ALTERNATOR
- 4) SELECT AN AVR MODEL WHOES MAXIMUM EXCITATION VOLTAGE SPECIFIED IN AVR DATA SHEET IS 30 TO 40 % HIGHER THAN EXCITATION VOLTAGE SPECIFIED ON ALTERNATOR NAME PLATE