

**technical data**

- high efficiency of greater than 97%
- large cast aluminum carbon brush holder plate for better heat dissipation
- high-grade carbon brush with less than 0.5mm wear and tear after 100,000 cycles usage
- metal casing coated with epoxy paint to provide better surface protection
- enamel wire of PEW 150°C grade provides better working temperature
- improve starting current with the use of high quality grained oriented silicon steel core
- insulation and withstand voltage capable of reaching up to 20M ohm at 500VDC and 1.5kV respectively



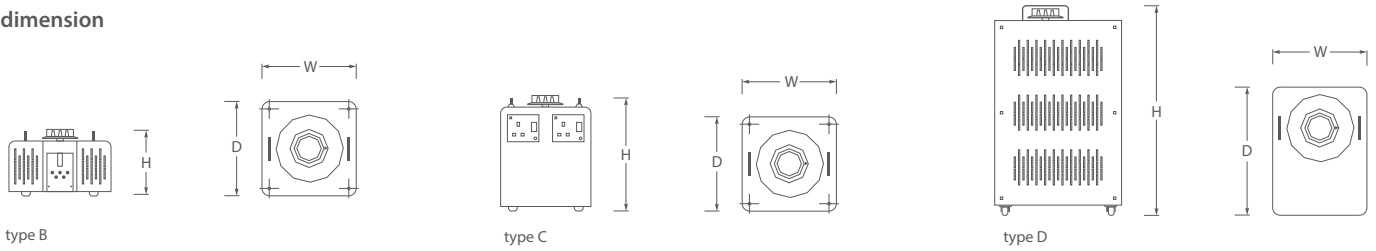
**introduction**

Variable voltage transformers are very convenient and useful where different voltages are required to conduct tests or inspections. Examples are instrument calibration labs, QC department in the manufacturing sector, etc. They are also suitable for use as step-up or step-down transformers in areas where supply voltage is too low or too high.

SETM is the first local manufacturer of variable voltage transformers in Malaysia under the company's brand QPS. QPS has catered a range of single phase from 5 to 60 Ampere and three phase from 5 to 30 Ampere variable voltage transformers to suit different customers' needs.

QPS variable voltage transformer uses high quality materials and stringent quality controls to ensure that only high quality products are produced at all times. QPS variable voltage transformer provides more than just quality, reliability and compatibility; it also provides strong technical supports to our valuable customers.

**dimension**



**technical specification**

model	type	maximum output current (A)	no. of phase	input voltage (V)	output voltage (V)	overall dimensions (mm)			weight (kg)
						w	d	h	
VT1-1	B	5	1	110 / 240	0 ~ 260	165	165	180	9
VT2-1	B	10	1	110 / 240	0 ~ 260	165	165	200	12
VT3-1	B	15	1	110 / 240	0 ~ 260	233	233	195	17
VT5-1	B	20	1	110 / 240	0 ~ 260	233	233	195	20
VT7-1	D	30	1	110 / 240	0 ~ 260	320	390	250	26
VT10-1	D	40	1	110 / 240	0 ~ 260	260	330	560	55
VT15-1	D	60	1	110 / 240	0 ~ 260	320	390	560	65
VT2-1-SC	C	10	1	240	0 ~ 260	225	213	270	14
VT3-1-SC	C	15	1	240	0 ~ 260	245	233	290	19
VT5-1-SC	C	20	1	240	0 ~ 260	245	233	290	22
VT3-3	D	5	3	415	0 ~ 450	220	280	530	28
VT6-3	D	10	3	415	0 ~ 450	240	310	560	45
VT9-3	D	15	3	415	0 ~ 450	260	330	560	58
VT15-3	D	20	3	415	0 ~ 450	260	330	560	65
VT20-3	D	30	3	415	0 ~ 450	320	390	560	80

remarks: \*SC - complete with socket