

WEATHERPROOF TRANSFORMER

Electrical Specifications

Model Number	VA Rating	Input Voltage (VAC)	Operating Frequency (Hz)	Output Voltage Loaded (VAC)	Rated Output Current (Amperes)
AT030VA/WP	30	230-240	50/60	12.0	2.5
AT050VA/WP	50	230-240	50/60	12.0	4.2
AT100VA/WP	100	230-240	50/60	12.0	8.3
AT200VA/WP	200	230-240	50/60	12.0	16.7
AT300VA/WP	300	230-240	50/60	12.0	25.0
AT400VA/WP	400	230-240	50/60	12.0	33.3
AT500VA/WP	500	230-240	50/60	12.0	41.7

Mechanical Specifications

Model Number	VA Rating	IP Rating	Diameter * (mm)	Height (mm)	Mass (kg)	Max Ambient Temperature (°C)
AT030VA/WP	30	67	110	65	1.2	50
AT050VA/WP	50	67	152	70	2.5	50
AT100VA/WP	100	67	152	70	3.0	50
AT200VA/WP	200	67	175	95	5.0	50
AT300VA/WP	300	67	175	95	5.9	50
AT400VA/WP	400	67	196	115	7.4	50
AT500VA/WP	500	67	196	115	9.2	50

* Not including entry glands



Installation Requirements

Wall Mount

Wall mounting is recommended.

Transformer should be mounted a minimum of 300mm above ground level.

Multiple units should be at least 200mm apart.

Cable outlet should be directed downwards (refer figure 1).

Mounting should be a minimum of 500mm from any other electrical appliance, and 3m from heating devices such as barbecues, heaters, and high powered lights (500W and higher).

Underground (Burial)

Transformer must be placed either into an underground electrical enclosure or directly buried into the soil. Do not surround transformer with thick layers of garden mulch or other media with thermally insulating properties as this may cause overheating.

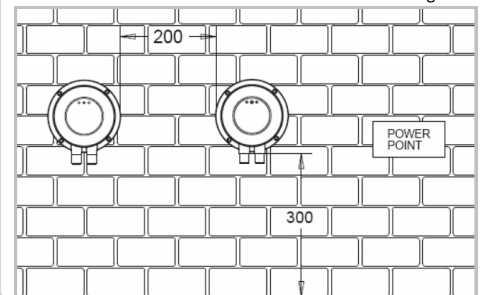
Product is rated IP67 and therefore suitable for temporary immersion in water, e.g. underground applications. Do not use in applications that require permanent submersion, e.g. submerged in ponds or water features.

Input wiring should be run inside conduit. Follow local regulations for the connection and protection of input and output wiring.

For installations involving multiple transformers, each unit should be spaced at a minimum of 300mm apart.

Ensure transformer locations are marked or protected so as to eliminate the risk of damage from metal stakes or other objects being driven into the ground.

Figure 1



Weatherproof Transformers are approved under Australian Approval NSW27221 & 21740