



Compatible with all known high frequency ballast types, the ZT range has been specifically developed to operate fluorescent lamps at optimum battery voltages.

A low profile inverter module provides flexible mounting options and is compatible with most louvre and diffuser luminaires.

5 pole inverter

Specifications

- 230/240 volts AC, 50/60Hz mains supply
- 40mA mains current
- Changeover voltage in compliance with EN 60598-2-22
- Safety class I
- Ingress protection IP20

Features and benefits

- Emergency duration of 3 hours as standard, 1 hour versions available
- Recharge period of only 20 hours
- Supplied with IDC/push-wire terminals which are suited to automotive and manual assembly
- Remote enclosures available where space or temperature restrictions make integral conversions impossible
- Fully ENEC and CE marked, ICEL 1001 registered and in compliance with the EMC directive for both mains healthy and mains failed modes
- Available with SureTEST 'intelligent fully automatic self-contained testing' (see page 39)

Inverter module

The ZT Range of inverter modules utilise efficient, high quality electronic circuitry – compliant to the safety and performance requirements of EN 61347 and EN 60925

Each zinc galvanised steel module incorporates a constant current charge circuit with battery deep discharge protection

The highly efficient DC-AC inverter circuit is connected to the lamp circuit via a 4-pole changeover device and a delayed energy relay which disconnects the ballast live supply during testing

Ambient temperature range 0–50°C (10–50°C for 14–80W T5 lamps)

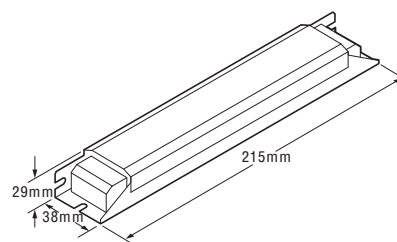
Use the Ballast Lumen Factors table on page 5 to determine which module is required

Battery packs

Advanced, high temperature Nickel Cadmium batteries provide a minimum of 4 years service life (when installed in compliance with EN 60598-2-22).




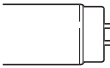
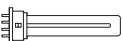
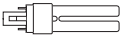
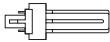

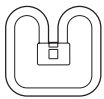


Use the Ballast Lumen Factors table on page 5 to identify the number of cells required. Select your desired configuration from the detailed battery information on page 20.

Dimensions



Fixing centres 205mm

Ballast Lumen Factors

	T5	4 watt	17		18		22			24		
		6 watt	19		20		25			25		
		8 watt	22		22		25			26		
		13 watt	13		18		21			22		
		14 watt		9		15						
		21 watt				14						
		24 watt				10						
		28 watt						13				
		35 watt									12	
		39 watt							7			
	T-R5	49 watt						5				
		54 watt							5			
		80 watt									7	
		22 watt				10			7			
	T8	40 watt										
		55 watt									6	
		60 watt									6	
		15/18 watt	11		12		13			14		
		30/36 watt	8		9		10			10		
	T12	58 watt			6		8			9		
		70 watt					7			8		
		20 watt	11		12		13			14		
		30 watt	9		10		11			11		
		40 watt			9		10			10		
	TC-SEL	65 watt					7			8		
		85 watt								7		
		100 watt								7		
		5 watt		13								
		7 watt		15								
	TC-DEL	9 watt		14								
		11 watt		15								
		10 watt		11		18						
		13 watt		13		16						
		18 watt		10		15						
	TC-TEL	26 watt				7						
		13 watt		13		16						
		18 watt		10		15						
		32 watt									9*	
		42 watt									7*	
	TC-L	18 watt		6		9						
		24 watt				9	8					
		34 watt					5					
		36 watt					6					
		40 watt					5**		7			
		55 watt									7	
		80 watt									4	
	TC-DD	10 watt		17		19						
		16 watt		15		19						
		21 watt				14						
		28 watt				12			12			
		38 watt							8			
		55 watt									7	
	TC-F	18 watt		6		9						
		24 watt				9	8					
		36 watt					6					
	U	20 watt	11		12		13			14		
		40 watt			9		10			10		
Module		E/A	E/B	F/A	F/B	F/C	G/A	G/B	G/C	H/A	H/B	H/C
Battery cells		3		4			5			6		

* = Non-Amalgam lamps only

** = Non SureTEST modules only

Ordering

The ZT range of 5 pole inverters are available in several configurations and with a number of options:

- 1 or 3 hour (eg ZT.1F/A..., ZT3.F/A...)
- SureTEST (/ST)
- Supplied complete with batteries as standard
- Available in remote enclosures (Standard or IP54 rated – see pages 33-34)

Please contact sales on 01245 453000 for further details.