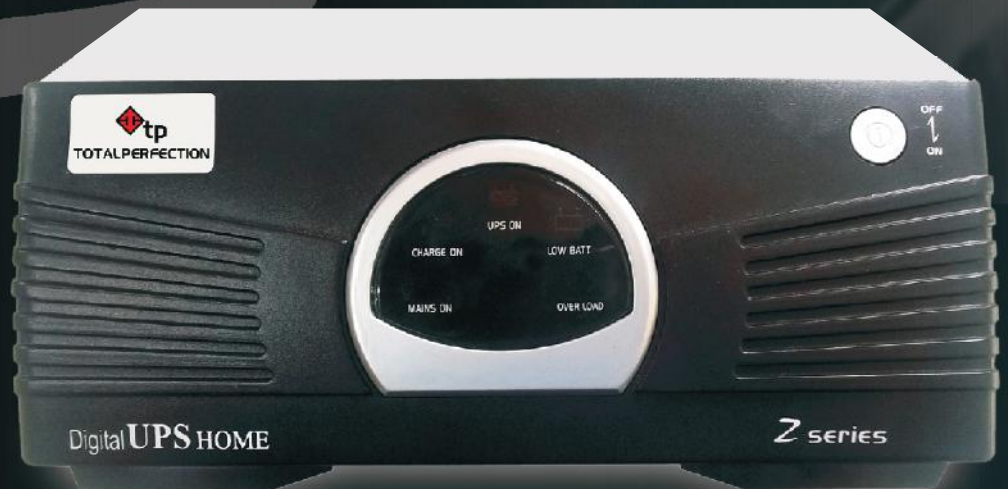


Total Perfection
is my strength...
it is me



2-series

SPECIAL FEATURES

- Atom technology, rugged & compact design.
- High end microcomputer based TP Digital Z-series UPS ensures high safety & batter performance.
- Auto-Self testing with auto self fault detection mode.
- BTC- Battery Temperature Control ensures that battery temperature never exceeds beyond the standard limit & improves the battery life.
- Fewer water topping required.
- ZCT- Zero Cross Transition improve the life & reliability of the product.
- Yellow Mode- Neuro Intelligence i.e. gives low output at no load leads to enhance efficiency.
- Battery Equaliser- Equals the batteries voltages (optional applicable only for models for two or more batteries).
- BBP- Battery Bulge Protection disconnects the battery from the system, which saves the battery from bulging if SCR is short.
- Efficient AC to DC conversion.
- Green Mode- If the UPS is running for more than 10 hours without load in backup mode, no load shut down occurs.
- Optimized PWM controlled Quasi Square Wave output.
- Smart overload, short circuit & low battery protection with intelligent multi stage control protection.
- Auto reset, Z- Guard present inside the UPS senses the fault condition and automatically resets the UPS.
- Instantaneous "Phase in Output" protection to increase the reliability.
- Visual and Audio indications present (status/ fault).

* Note : The features are subject to change without notice due to the company policy of continuous product enhancement & improvement.

TECHNICAL SPECIFICATIONS*

S.NO.	PARAMETERS	TEST CONDITIONS	SPECIFICATION	REMARKS
1	MAINS AC MODE		850/12V	1050/12V
1.1	MAINS INPUT AC RANGE	FREQUENCY 50HZ+/- 5HZ	90V~300V+/-10V	90V~300V+/-10V
1.2	MAINS AC WAVE FORM	FREQUENCY 50HZ+/- 5HZ	FROM EB OR GENERATOR (HIGH CAPACITY 5TIMES WITHOUT LOAD)	FROM EB OR GENERATOR(HIGH CAPACITY 5TIMES WITHOUT LOAD)
1.3	MAINS AC LOW CUT VOLTAGE MAINS AC LOW CUT VOLTAGE IN CASE OF UPS	FREQUENCY 50HZ+/- 5HZ	90V+/-10V	90V+/- 10V
1.3a	MODE SELECTION	FREQUENCY 50HZ+/- 5HZ	175V+/-5V	175V+/-5V
1.4	MAINS AC LOW CUT RECOVERY MAINS AC LOW CUT VOLTAGE RECOVERY IN	FREQUENCY 50HZ+/- 5HZ	100V+/-10V	100V+/- 10V
1.4a	UPS MODE	FREQUENCY 50HZ+/- 5HZ	183V+/-5V	183V+/-5V
1.5	MAINS AC HIGH CUT VOLTAGE MAINS AC HIGH CUT	FREQUENCY 50HZ+/- 5HZ	300V+/-10V	300V+/-10V
1.5a	VOLTAGE IN UPS MODE	FREQUENCY 50HZ+/- 5HZ	268V+/-5V	268V+/-5V
1.6	MAINS AC HIGH CUT RECOVERY	FREQUENCY 50HZ+/- 5HZ	288V+/-10V	288V+/-10V
1.6a	MAINS AC HIGH CUT RECOVERY VOLTAGE IN CASE OF UPS MODE	FREQUENCY 50HZ+/- 5HZ	259V+/-5V	259V+/-5V
1.7	TRANSFER TIME	BACKUP TO MAINS FREQUENCY 50HZ+/- 5HZ	<6mSEC	<6mSEC
1.7a	TRANSFER TIME IN CASE OF UPS MODE SELECTION	BACKUP TO MAINS	<6mSEC	<6mSEC
1.8	OUTPUT VOLTAGE	NO LOAD TO FULL LOAD	SAME AS INPUT	SAME AS INPUT
1.9	OUTPUT FREQUENCY	NO LOAD TO FULL LOAD	SAME AS INPUT	SAME AS INPUT
1.10	OUTPUT WAVE FORM	NO LOAD TO FULL LOAD	SAME AS INPUT	SAME AS INPUT

Signature also available in External Battery UPS Model

*Specifications may change due to continuous improvement

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