



<div> <b>TAS PowerTek Pvt. Ltd. - Nasik, India.</b> Email: sales@taspowertek.com</div> <div><b>Price List: 1st March 2011 onwards</b> <b>Effective Apr. 2011 onwards.</b> Prices indicated are basic prices ex-works. Taxes (ED + VAT/CST) extra</div> <div>Page 1 of 3</div>				
Sr. No.	Product Description	Model Number	Added info	Price ₹
<b>Power Factor Correction Key Components</b>				
<b>Power Factor Controllers: For Contactorised switching of Capacitor Banks</b>				
Single phase current sensing 3 phase capacitor bank control.				
1	Economy PF Correction relay 1-CT sensing Version. 415Vac/50Hz 1Amp/5Amp secondary current	APFC-02/04	4 banks	<b>4850</b>
		APFC-02/08	8 banks	<b>5250</b>
		APFC-02/12	12 banks	<b>5950</b>
		APFC-02/16	16 banks	<b>6350</b>
2	Standard PF Correction relay 1-CT sensing & Capacitor Current sensing. 1Amp/5Amp secondary current One RS-232 or RS-485 port	LCPF-02/04	4 banks	<b>7450</b>
		LCPF-02/08	8 banks	<b>7850</b>
		LCPF-02/12	12 banks	<b>8750</b>
		LCPF-02/16	16 banks	<b>9250</b>
Three phase current sensing 3 phase capacitor bank control.				
3	3-phase mains current sensing and 3-phase capacitor current sensing type APFC relay. With Standard data logging and one RS-232 port in built.	SPF-35/08	8 banks	<b>13750</b>
		SPF-35/12	12 banks	<b>14900</b>
		SPF-35/16	16 banks	<b>15500</b>
3-a	Meas accuracy CI-1 for kW & CI-2 for kVAR	SPF-35/----/0.5cl	Added price	<b>+7800</b>
3-b	Added feature of extra RS-485 MODBUS	SPF-35/----/C	Added price	<b>+2400</b>
<b>Real Time PF Controllers: For Thyristorised switching of Capacitor Banks</b>				
Single phase current sensing 3 phase capacitor bank control.				
4	Real Time PF Correction relay 1-CT sensing & Capacitor Current sensing. 1Amp/5Amp secondary current One RS-232 or RS-485 port	TRPF-02/04	4 banks	<b>9600</b>
		TRPF-02/08	8 banks	<b>10000</b>
		TRPF-02/12	12 banks	<b>12850</b>
		TRPF-02/16	16 banks	<b>13250</b>
Three phase current sensing 3 phase capacitor bank control.				
5	3-phase mains current sensing and 3-phase capacitor current sensing type RTPFC relay. With Standard data logging and one RS-232 port in built.	TPF-35/08	8 banks	<b>15300</b>
		TPF-35/16	16 banks	<b>17600</b>
5-a	Added feature of extra RS-485 MODBUS	TPF-35/----/C	Added price	<b>+2400</b>
<b>Capacitor Duty Thyristor Switches for High Speed PF Correction.</b>				
Two Phase Controlled Switches for 3 phase 3 wire capacitor banks:				
6	2-phase controlled thyristor switches for zero differential voltage switching of 3-phase delta connected capacitor banks. Switch with complete protection. Maximum Supply Voltage = 480Vac - 3ph.	ZCTC-02/020	20Amp.	<b>13400</b>
		ZCTC-02/040	40Amp.	<b>14900</b>
		ZCTC-02/080	80Amp.	<b>16000</b>
		ZCTC-02/120	120Amp.	<b>19750</b>
		ZCTC-02/160	160Amp.	<b>28600</b>
7	2-phase controlled thyristor switches for zero differential voltage switching of 3-phase delta connected capacitor banks. Maximum Supply Voltage = 433Vac - 3ph. No internal protection.	TSCM-TT/020	20Amp.	<b>10500</b>
		TSCM-TT/040	40Amp.	<b>10800</b>
		TSCM-TT/080	80Amp.	<b>11800</b>
		TSCM-TT/120	120Amp.	<b>15500</b>
		TSCM-TT/160	160Amp.	<b>24250</b>
8	2-phase controlled thyristor switches for zero differential voltage switching of 3-phase delta connected capacitor banks. 2 switches in one unit. Combipack units. Maximum Supply Voltage = 480Vac - 3ph.	ZCCP-02/20+20	20A + 20A.	<b>25750</b>
		ZCCP-02/20+40	20A + 40A	<b>26350</b>
		ZCCP-02/40+40	40A + 40A	<b>26500</b>
		ZCCP-02/40+80	40A + 80A	<b>27750</b>
Note: For 415V/440V 3-phase supply system the kVAR suitability is: <b>20Amp</b> switch for capacitor kVAr upto <b>12.5kVAr</b> @ 415/440Volt line voltage <b>40Amp</b> switch for capacitor kVAr upto <b>25kVAr</b> @ 415/440Volt line voltage <b>80Amp</b> switch for capacitor kVAr upto <b>50kVAr</b> @ 415/440Volt line voltage <b>120Amp</b> switch for capacitor kVAr upto <b>75kVAr</b> @ 415/440Volt line voltage <b>160Amp</b> switch for capacitor kVAr upto <b>100kVAr</b> @ 415/440Volt line voltage				



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Power Factor Correction Key Components (continued)				
Detuned Reactors for Power Factor Correction Capacitors. Cu wound - Class F				
9	7.68% voltage drop detuned reactors for 3-ph PF improvement capacitors. 187Hz resonance frequency. 415V/440Vac 3-ph supply system. 150% linearity 120% continuous overload capacity With over temperature switches in all the 3 winding. <i>For Other Voltage rating or %drop rating prices would be on case to case basis.</i>	RECT-03/07/005	For 5kVAR	5330
		RECT-03/07/010	For 10kVAR	8430
		RECT-03/07/012	For 12.5kVAR	9300
		RECT-03/07/015	For 15kVAR	9720
		RECT-03/07/020	For 20kVAR	10780
		RECT-03/07/025	For 25kVAR	10780
		RECT-03/07/030	For 30kVAR	15470
		RECT-03/07/050	For 50kVAR	18780
		RECT-03/07/075	For 75kVAR	29760
		RECT-03/07/100	For 100kVAR	32290
Other Products for Power Factor improvement systems				
10	Automatic & Manual switching Units for APFC system with internal off delay timers	AMB-08/(C or T)	8-bank	4800
		AMB-16/(C or T)	16-bank	5600
11	Discharge Resistance module for 3-ph delta connected capacitor bank.	DISR-36	36KΩ	500
12	Buffer module for solid state output banks control. - Current per channel 50mA	TBR-08	8-bank	1400
		TBR-16	16-bank	1900
13	Zero Differential voltage thyristor gate driving module. Module with protection features.	TSC-module with f.b. CTs	For entire range	3800
14	Zero Differential Voltage thyristor gate driving module. Module without protection features.	TSCM-TT module	For entire range	2200
15	Zero Differential Voltage thyristor gate driving module for Thy-Diode switch w/o protection.	TSCM-TD module	For entire range	2200
16	R-C Snubber module for thyristors upto 165Amp rating	RC-50	Upto 165Amp Thyristors.	240
17	R-C Snubber module for thyristors above 165Amp and below 350Amp rating	RC-100	From 165Amp to 350Amp thy	320
18	+12Vdc SMPS. 12VA with i/p Transformer	SMPS-12/12	12V/1Amp	900
19	+12Vdc regulated SMPS. 40VA rating	SMPS-12/40	12V/3.3Amp	2600
20	Hand Held Terminal for Data Downloading	HHU-01	on RS-232	12000
Measurement and Data communication products				
21	Load Manager - 0.5Class as IEC-62053-22	LM-03	2MB flash	20000
22	Windows based program for data download and data view.	TAS-GSM server	--	30000
		TAS-Downloader	--	30000
Controllers for Lighting Control Energy Saver Systems				
23	Controller for Time controlled lightin energy saver system using Voltage reduction for energy saving.	SLC-04	Contact sw	11500
		SLC-05	Relay switch	12000
		SLC-06	Servo control	12000
Single Phase Intelligent Lighting Energy Saver				
24	Single Phase intelligent control fluorescent lamps energy saver system. Wall mounted units for indoor application.	LCES-01/1	4Amp/240V	7500
		LCES-01/2	8Amp/240V	8500
		LCES-01/3	12Amp/240V	9500
		LCES-01/4.5	18Amp/240V	16350
		LCES-01/6	24Amp/240V	20750
25	Single Phase intelligent control fluorescent lamps energy saver system. Wall mounted units for outdoor application.	LES-01/1	4Amp/240V	10000
		LES-01/2	8Amp/240V	11000
		LES-01/3	12Amp/240V	12100
		LES-01/4.5	18Amp/240V	19700
		LES-01/6	24Amp/240V	24250



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Lighting Control Energy Saving Systems and Key Components.				
Three Phase Intelligent Lighting Control Energy Saver System (Electrical Panel)				
26	Three Phase Intelligent Lighting Control energy saver system with contactors. Indoor and Street Lighting Schedule control and voltage control for energy saving.	LCES-03/03	3kVA	33547
		LCES-03/06	6kVA	45392
		LCES-03/09	9kVA	51721
		LCES-03/13	13.5kVA	61734
		LCES-03/18	18kVA	73444
		LCES-03/21	21kVA	80660
		LCES-03/24	24kVA	91411
		LCES-03/30	30kVA	100461
		LCES-03/36	36kVA	109970
		LCES-03/45	45kVA	126676
27	3-phase Open loop thyristorised Power control module	HTR-7.5/3	7.5kW	11000
		HTR-13.5/3	13.5kW	13500

**Warranty Conditions for TAS's product ranges:**

1. The product is warranted against any manufacturing and design defects. Any other defects in the product due to wrong handling, transportation damages, usages of product beyond the specified electrical supply conditions, wrong application, wrong working conditions etc are not covered under the warranty clause.
2. TAS Powertek Private Limited will not accept any liabilities, liquidated damages claims due to usage of these equipments. The proper usage of these products would be sole responsibility of the purchaser of these products and TAS would only give the guidelines for the proper usage.
3. Product is warranted against failure of any component as specified in clause no.1 and TAS Powertek Private Limited would be replacing any faulty components free of cost which would including the cost of the component and the direct engineering services that are involved with the repair of the said product.
4. The warranty services offered would be only applicable in the specified territory of our service centers. Any services required outside the specified territory would be on chargeable basis.
5. Some of the products, can only be serviced at our Manufacturing works at Nasik. With such products, the transportation cost of faulty product to and fro Nasik would be to purchaser's account.
6. Normally, the products offered are warranted for a period of 15 months from the product invoice date or 12 months from the first usage date, whichever is earlier. This is valid unless extended term of warranty is explicitly agreed between TAS and the purchaser.
7. The warranty is applicable is for rectification of the defective product and would not be applicable for the entire product replacement.