



POWERTRIX



BRIGHT IDEAS
BRIGHTER
Future

Power Supply

SMPS(12V 24V 48V)


- Wide input range
- Soft start, Inrush current limit
- On board EMI / RFI filters
- Input fuse protection
- Protections: O/L , S/C,O/T, OVP



DC - DC Converters



- 48v to 24v (5A to 20A)
- 110v to 24v (5A to 20A)
- 220v to 24v (5A to 20A)

SMPS - Float Cum Boost Charger



FEATURES 	Auto Float Boost Changeover			Soft start			High quality and reliability
	Alarm Contact for output fail			Input fuse protection			Air Cooling by built in cooling fan
	Low Ripple And Noise			Air Cooling by built in cooling DC fan			Full Load Burn In Test
	Reverse Polarity Protection			In built EMI Filter			
NORMAL VOLTAGE	24VDC	24VDC	24VDC	12VDC	12VDC	12VDC	
RATED CURRENT	5A	10A	20A	5A	10A	20A	
FLOAT CURRENT	27V	27V	27V	13.5V	13.5V	13.5V	
BOOST VOLTAGE	28.8V	28.8V	28.8V	14.4V	14.4V	14.4V	
FREQUENCY RANGE	50 / 60Hz						
OPERATING TEMP	0-50°C						
LINE & LOAD REGULATION	± 1%						
RIPPLE	± 1%						



Thyristor - Float Cum Boost Charger(SCR) Combination - FCBC / FC & FCBC / Dual FCBC

FEATURES 	Auto Float Boost Changeover			Soft start		High quality and reliability				
	Alarm Contact for output fail			Input fuse protection		Air Cooling by built in cooling fan				
	Low Ripple And Noise			Air Cooling by built in cooling DC fan		Full Load Burn In Test				
	Reverse Polarity Protection									
NORMAL VOLTAGE	12VDC	24VDC	48VDC	110VDC	220VDC					
RATED CURRENT	5A to 20A	5A to 20A	20A	10A to 200A	10A to 200A					
FLOAT CURRENT	13.5V	27V	54V	123.7V	248V					
BOOST VOLTAGE	14.4V	28.8V	56V	126.5V	253V					
FREQUENCY RANGE	50 / 60Hz									
RIPPLE	$\pm 2\%$									

Linear - Float Cum Boost Charger(Transistor)

FEATURES 	Auto Float Boost Changeover			Soft start			High quality and reliability		
	Alarm Contact for output fail			Input fuse protection			Air Cooling by built in cooling fan		
	Low Ripple And Noise			Air Cooling by built in cooling DC fan			Full Load Burn In Test		
	Reverse Polarity Protection								
NORMAL VOLTAGE	24VDC	24VDC	24VDC	12VDC	12VDC	12VDC	48VDC	48VDC	48VDC
RATED CURRENT	5A	10A	20A	5A	10A	20A	5A	10A	20A
FLOAT CURRENT	27V	27V	27V	13.5V	13.5V	13.5V	54V	54V	54V
BOOST VOLTAGE	28.8V	28.8V	28.8V	14.4V	14.4V	14.4V	56V	56V	56V
FREQUENCY RANGE	50 / 60Hz								
LINE & LOAD REGULATION	$\pm 1\%$								
RIPPLE	$\pm 2\%$								





Get In Touch

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