

# TECHNICAL SPECIFICATION FOR POWER SUPPLIES FOR AVR

## ITEM-1

<b>Material code</b>	<b>BP9047581776</b>
Nominal output voltage	24 V DC $\pm 1$ %
Setting range of the output voltage	22.5 V to 28.5 V DC (> 24 V constant capacity)
Output current	5 A (Up to 60°C)

## ITEM-2

<b>Material code</b>	<b>BP9047580761</b>
Nominal output voltage	24 V DC $\pm 1$ %
Setting range of the output voltage	22.5 V to 28.5 V DC (> 24 V constant capacity)
Output current	2 A (Up to 60°C)

## ITEM-3

<b>Material code</b>	<b>BP9047580753</b>
Nominal output voltage	24 V DC $\pm 1$ %
Setting range of the output voltage	22.5 V to 28.5 V DC (> 24 V constant capacity)
Output current	1 A (Up to 60°C)

## ITEM-4

<b>Material code</b>	<b>BP9047580745</b>
Nominal output voltage	$\pm 15$ V DC $\pm 1$ %
Output current	1 A (Up to 60°C)

### Common Specifications To Above Items

Input voltage range	85 V to 264 V AC
Input voltage range	100 V to 350 V DC
Frequency range	45 Hz to 65 Hz (0 Hz with DC input)
Connection in parallel	Yes, for assembling redundant systems and increasing efficiency
Residual ripple	< 100 mV
Status display	LED green for supply OK
Efficiency	> 80 % (For 230 V AC and nominal values)
Insulation voltage input/output	3 kV
Degree of protection	IP20

	Name
Prepared & checked by	Shalini Sharma
Approved by	A Mitra
Date	30.06.10

Signature  
  
 30.6.10.

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Ambient temperature (operation)	-25 °C to 55 °C
Installation position	On horizontal DIN rail NS 35
Termination type	Screw type

### Notes To The Supplier:

- Technical literature along with dimensional & termination details to be submitted along with the offer.
- 3 copies of TC to be submitted along with the consignment.
- All the above items are to be procured from a single supplier.

	Name	Signature	
Prepared & checked by	Shalini Sharma		Specification no: CEE/10010
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