



# evolution

## power electronics



### SPECIFICATIONS - Three Phase

Technology	$\mu$ controller based with digital signal processing
Input Voltage Range (Volts)	360 – 460, 360 – 480, 340 – 460, 300 – 460 Other ranges available against specific requirements
Output Voltage	380V, 400V, 415V $\pm$ 1%, 3 $\phi$ , 50 Hz
Input Frequency range	47-53 Hz
Line Regulation	$\pm$ 1%
Rate of Correction	35 V/Sec – Phase to Neutral, 70 V/Sec – Phase to Phase
Wave Form Distortion	Nil
Password Protection	Provided
Output Voltage Adjustment	$\pm$ 10v
Display	LED / LCD
Type of Cooling	Natural Air cooled – Oil cooled (oil as per IS 335)
Normal Operating Temperature	0 - 45° C
Mounting	Uni-directional wheels
Duty Cycle	100% Continuous

### PROTECTIONS

- » Output/Input High/Low Voltage cut-off
- » Short-circuit, overload protection
- » MCB - MCCB\* with trip delay setting of 2-6 Sec.
- » Single Phasing preventer
- » Phase reversal protection
- » Audio Alarm for abnormal input/output

### PANEL METER & INDICATIONS

- » LCD/LED Display
- » Voltage indication for each phase
- » Voltage indication between two phase
- » Current indication for each phase
- » Event log for last three events (tripping on fault)

