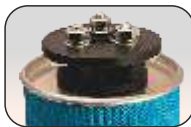


## New High-Performance **UNIQUE** CAPACITOR

**THERMALLY EFFICIENT\* POWER CAPACITOR** (\*Patent Pending)

**MPP ULTRA HEAVY DUTY CAPACITOR**  
As per IS 13340:2012/ IEC - 60831-1 : 2002



Nylon Disc



Round Slotted Cap



Stud Type Terminals



Knurled Surface

### **MPP “UNIQUE”**

#### **Specifications**

- Rating : 10 to 35kVAr , 3ph
- Voltage : 440 V to 525 V AC
- M8 Stud Type terminals for Firm connections
- Jelly filled
- Nylon round cap for protection
- ISI Marked

#### **Unique Features**

- Knurled, Anodized and Nano painted Al Can
- Imported Burst proof Lids
- Lower losses and less temperature rise
- Nylon disk for resistor separation and Firm connection
- Patent Pending

**\*Extremely Low Temperature Rise- Enhanced Life**

## Guaranteed Technical Particulars Of Subodhan Make L T Capacitors

### Type : UNIQUE (MPP Ultra Heavy Duty Type Capacitor)

#### Patent Pending

• Reference	: IS 13340 (P1):2012/IEC 60831-1:2002
• Life Expectancy	: >6 years in standard operating condition
• Reference Ambient Temperature	: As per IS : Category 'C' (50° C)
• Temperature Rise over Ambient	: 8° C Max
• Rated Voltage	: 440 V/480 V/525 V
• Max Continuous Over-Voltage	: 1.1 X Un
• Max Continuous Over – Current	: 1.3 X In
• Peak Inrush Current	: 250 X In
• Type of Dielectric	: Special Grade Metallized Polypropylene
• Discharge Device	: Metal Glaze Discharge Resistors.
• Losses (per Kvar)	: ≤ 1Watt / kVAr
• Type of Protection	: Imported Over Pressure Disconnecter
• Al Can	: Knurled and Anodized
• Paint	: Efficient Heat Transfer Nano paint
• Range	: 10kVAr , 15kVAr , 20kVAr , 25kVAr and all ratings equivalent at 480V and 525V
• Terminal	: M8 stud

#### Important Points to be looked into while using MPP capacitors

1. Capacitors get overloaded in presence of harmonics in systems. Ensure use of suitable Reactors and avoid overloading of capacitors beyond limits given in IS.
2. Adequate Backup Protection (Fuse/ Switchgear) is MUST to protect the capacitor.
3. Capacitors must be installed in well-ventilated area to avoid Temp Rise beyond specified limits.

**Subodhan** is an enterprise with a strong sense of self-respect; having commitment for freedom of experimentation in finding new way to build the nation.

**Subodhan** is a leading company providing Power Quality Solutions. Incorporated in January 1993; the company is promoted by technocrats having experience over four decades in design, manufacturing & application engineering of power factor improvement capacitors.

Most modern manufacturing machinery, full fledged testing laboratory, support on application engineering and strong R&D are the core strengths of **Subodhan**. This in turn reflects in low field failures, high reliability and wide range of satisfied customer base.

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