

Our technology is powered by the smiles of our customers



165 Service Centres

550 Service Points

1200+ Service Engineers

CUSTOMER CARE

All India
72 83 83 83 83
WhatsApp
8800255733

E-mail
ho@microtekdirect.com
Website
www.microtekdirect.com



MICROTEK APPS

MORE MILEAGE FAST CHARGING

**ZYADA
CHALAO
ZYADA
KAMAO**

**TURBO
CHARGE** **QRUT**
QUICK CUT TECHNOLOGY



- WALL MOUNTED
- FAST CHARGING
- SAVES ELECTRICITY
- LOW CUT & HIGH CUT
- GENERATOR COMPATIBLE
- VOLTAGE EQUALIZATION
- ALL INDIA SERVICE NETWORK

**FAST
CHARGING**

SAVES ELECTRICITY

MINIATURE CIRCUIT BREAKER (MCB) AC & DC



- As Per IS/IEC 60898-1
- Rated Short Circuit Breaking Capacity, Icn 10kA
- Operating Voltage - 240/415 V AC, 50Hz
- Minimum Operating Voltage - 12V
- ISI/CE Marked

PRO

FEATURES



MCB is an Electro mechanical device, which

- Protects connected loads & cables against overloads and short circuits.
- Lets the current flow without overheating on cables.
- Opens and closes a circuit under rated current.

THERMAL OPERATION

The thermal operation provides protection from moderate overloads. Under overload condition, a thermo-metallic element (bimetallic strip) deflects until it operates a latching mechanism allowing the main contacts to open.

MAGNETIC OPERATION

In magnetic operation, large overloads or short circuit current actuates a solenoid causing a plunger to strike the latching mechanism rapidly opening the main contacts.

RANGE
6A to 63A - 'C' Curve

EXECUTION
Single Pole (SP) | Single Pole & Neutral (SPN) | Double Pole (DP) | Three Pole (TP) | Three Pole & Neutral (TPN) | Four Pole (FP)

SPECIFICATION
IS/IEC 60898 - 1

MORE MILEAGE FAST CHARGING

**CHARGE KARTE
JAYEIN**

**TEZI SE BADHTE
JAYEIN**



**EV BATTERY
CHARGER**



EV SOLUTIONS

www.microtekdirect.com
Scan the QR Code to visit our website



SALIENT FEATURES

- Quick Cut Technology.
- Multi-Stage Charging with Micro Controller Based Monitoring & Control.
- Suitable for All Battery Brands.
- 30% Faster Charging.
- Stabilizes Battery Gravity.
- Extends Battery Life.
- Gives Extra Mileage.
- Less Water Topping.
- Wide Oper. AC Input Range 90V-300V.
- Highest Power Factor up to 0.99
- User-Friendly LED Indicators, show Battery Charging Status in percentage.
- Revives Deep Discharge Batteries from as Low as 6.25V per Battery.
- In-built Overcharge Protection.
- Over Temperature Protection.
- Reverse Battery Polarity Protection.
- Protection against Input Spike & In-Rush Current.
- Short Circuit & Overload Protection.
- Air-Cool Design with Sturdy Aluminium Housing.
- In-built Spark Free Connector.
- Shockproof, Compact, Lightweight & Portable.

TC-4816Q TECHNICAL SPECIFICATIONS

AC INPUT	
AC Input Voltage - Range	90-300VAC
AC Input Voltage - Nominal	230 VAC RMS
AC Input Frequency	47-63Hz
AC Input Current - Max.	7.5Amp
DC OUTPUT	
Max. DC Output Voltage	64V±1V
DC Output Current	16A±1A
DC Output Line & Load Regulation	Tolerance ± 2% at cable
PROTECTIONS	
Output Over Load	Available
Output Short Circuit	Available
Output Over Voltage	Available
Over Temperature with Auto Recovery	Available
Battery Reverse	Available
Boost Charging Safety Timer	Available
ENVIRONMENTAL	
Operating Temperature	0°C to +45°C
Storage Temperature	-10°C to +60°C
MECHANICAL	
Enclosure	Shockproof Aluminium Body
Dimensions (mm)	258(L) x 140(W) x 91(H)
Net Weight	2.16Kgs.
AC Input Connector	1.6meter length with 3Core, 3Pin AC Plug
DC Output Connector Cable	Anderson/Anen Connector with 2Core
OPERATION	
	LED Status Indications.

* Specifications are subject to change without prior notice.

TC-4816Q



Technology that charges up every journey, E-rickshaw is the new lifeline that helps people travel shorter distances in lesser time.

TC-4821Q



TC-4821Q TECHNICAL SPECIFICATIONS

AC INPUT	
AC Input Voltage - Range	90-300VAC
AC Input Voltage - Nominal	230 VAC RMS
AC Input Frequency	47-63Hz
AC Input Current - Max.	7.5Amp
DC OUTPUT	
Max. DC Output Voltage	64V±1V
DC Output Current	21A±1A
DC Output Line & Load Regulation	Tolerance ± 2% at cable
PROTECTIONS	
Output Over Load	Available
Output Short Circuit	Available
Output Over Voltage	Available
Over Temperature with Auto Recovery	Available
Battery Reverse	Available
Boost Charging Safety Timer	Available
ENVIRONMENTAL	
Operating Temperature	0°C to +45°C
Storage Temperature	-10°C to +60°C
MECHANICAL	
Enclosure	Shockproof Aluminium Body
Dimensions (mm)	258(L) x 140(W) x 91(H)
Net Weight	2.16Kgs.
AC Input Connector	1.6meter length with 3Core, 3Pin AC Plug
DC Output Connector Cable	Anderson/Anen Connector with 2Core
OPERATION	
	LED Status Indications.

* Specifications are subject to change without prior notice.

MICROTEK
TECHNOLOGY WE LIVE



UPS | STABILIZER | SOLAR | WIRES & CABLES | CIRCUIT PROTECTION DEVICES | HEALTH CARE

Microtek International Pvt. Ltd.
H-57, Udyog Nagar, Rohtak Road, Delhi-110041 | Customer Care Number: 72 83 83 83 83 Email us : ho@microtekdirect.com