

● **OVN 102**

BIS-certified single phase metering.

A direct-connected single phase static watt-hour meter to IS 13779 — accuracy Class 1, DLMS category C3, with IR and BCS data transfer.

BIS 13779 certified

IS 13779 compliant, CM/L marked, made in Gurgaon, Haryana

Accuracy Class 1

240 V, 10–60 A direct connected, 3200 imp/kWh

IR data transfer

Tech OVN BCS and infrared readout, DLMS category C3



01 Specifications

OVN102 · 1 PHASE 2 WIRE

Direct connected

A 1 phase 2 wire direct-connected meter
— basic current 10 A, maximum 60 A, no
CT required.

Everything on the display

Voltage, current, power factor, kW, kVA, kWh,
frequency and day, date and time, in auto
scroll or on the push button.

Tamper protected

Tamper and anti-tamper features comply with
IS 13779, and single wire metering is detected.

Data out

DLMS category C3 with infrared readout and
Tech OVN BCS for bulk data transfer.

METER

Meter type	1 phase 2 wire, direct connected
Standards	IS 13779
Model	OVN102
Rated voltage	240 V (-40% to +20%)
Rated current	Ib 10 A, I _{max} 60 A

METROLOGY

Accuracy class	Class 1
Starting current	0.2% Ib
Frequency	50 Hz ±5%
Pulse constant	3200 imp/kWh

DATA & DISPLAY

Data provided	V, I, PF, kW, kVA, kWh, frequency, day, date, time
DLMS category	C3
Display mode	Auto, push button
Data transfer	IR readout and Tech OVN BCS

PROTECTION

Tamper / anti-tamper	Comply
Single wire metering	Comply
Ingress protection	IP 51

CERTIFICATION

IS 13779 · BIS certified · Accuracy Class 1 · DLMS C3

contact@techovn.com

+91 98919 21532