

# ELCM-3P

## Prepaid Electricity Meter

Revolutionizing Flow



The ELCM-3P is an STS standard compliant, keypad type, prepaid electricity meter. The integrated keypad is offered to enter recharge TOKEN and check information by short codes. ELCM-3P has excellent anti-tamper feature like terminal cover open detection sensor to help utility for revenue protection. ELCM-3P can utilize communication module as an option to data concentrator (for smart metering application) purpose.

**BATTERY BACKUP**

**EMERGENCY CREDIT**

**TAMPER - PROOF DESIGN**

**EASY KEYPAD RECHARGE**

**FEATURES**

**GENERAL**

<b>Application</b>	-	Three Phase keypad prepaid KWH meter
<b>Indicator</b>		Liquid Crystal Display
<b>Numerical keypad</b>		20 digit token for recharge input
<b>Operating temperature</b>	°C	-25 to -70
<b>Storage temperature</b>	°C	-20 to +85
<b>Battery supply</b>	-	3.3 VDC
<b>Battery lifetime</b>	-	up to 8 years
<b>Protection class</b>	-	IP54
<b>Protection degree</b>	-	Class II

**TECHNICAL PARAMETERS**

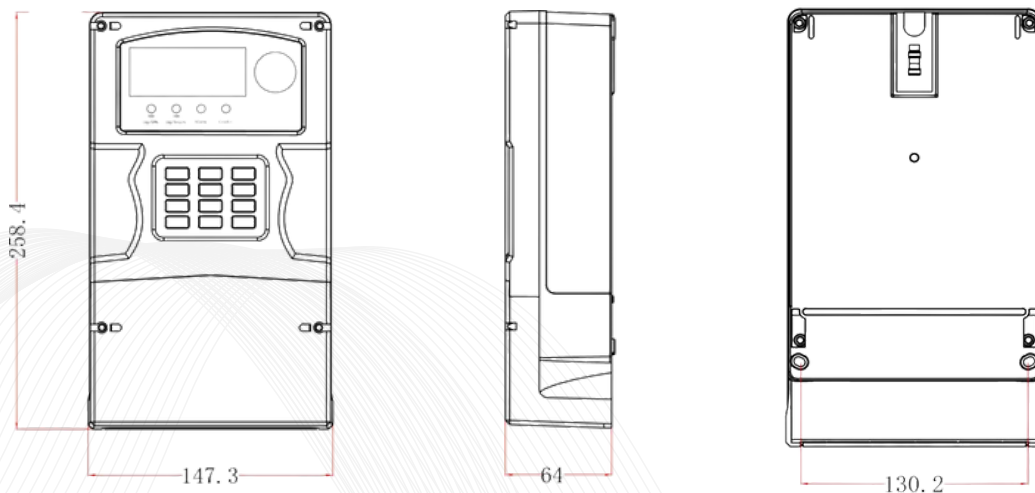
<b>Nominal Voltage</b>		3 x 230V
<b>Working Voltage Range</b>		70% ~ 120%Un
<b>Nominal Frequency</b>		50-60Hz
<b>Basic Current (Ib)</b>		10A
<b>Maximum Current (Imax)</b>		100A
<b>Starting Current (Ist)</b>		30mA
<b>Active Energy Constant</b>		400imp/kWh
<b>Active Energy Accuracy</b>		Class 1.0
<b>Reactive Energy Accuracy</b>		Class 2.0
<b>Power Consumption in Voltage Circuit</b>		<2W <8VA
<b>Power Consumption in Current Circuit</b>		<1VA

**CALCULATOR DETAILS**

<b>Display Indication</b>	LCD-8 digit + special characters
<b>Units</b>	Kwh
<b>Total values</b>	99,999
<b>Values displayed (main logo)</b>	Date - Time - Values of consumption - Total of purchase credit - low credit alarm - Interest Token status - Valve status - Additionally, event memory and Special short codes

**DIMENSIONS**

Nominal size	Width	Length	Height
mm	W	L	H
	147.3	258.4	64



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