

# SINGLE PHASE SMART ENERGY METER

**FX190** Single Phase Smart Energy Meter is an AMI intelligent electric energy meter using large-scale integrated circuit and digital sampling technology.

It conforms to DLMS/COSEM architecture system, and has the functions of active energy metering and electricity consumption measurement, monthly settlement freezing and programable load record curve, recording of various electricity consumption and tampering events, and communication through RS485 and optical interfaces.

It supports single-rate and multi-rate time-sharing charging modes, and various outage modes such as remote outage in case of tampering from the meter.

The electric energy meter has been certified by the DLMS User Association and has the conditions to communicate with foreign AMI system. It is an ideal measuring instrument for power user.



## TECHNICAL SPECIFICATION:

Brand	: FUJIDHARMA ELECTRIC	Base	: Polycarbonate
Type	: FX190	Cover	: Polycarbonate
Class	: 1 (one)	Terminal Cover	: Transparent Polycarbonate
Standards	: IEC 62052-11; IEC 62053-21; IEC 62053-23.2003; IEC 62056-46,-53,-61,-62	Display	: LCD
Circuit System	: Single Phase Two Wire	Name Plate	: Laser Printed
Ref. Voltage	: 230V	Metering	
Basic Current	: 5 A	Functions	: - Import /Export Active Energy - Import/Export Reactive Energy - Time-sharing - Storing data
Max. Current	: 45 A	DLMS	: DLMS Ready
Starting Current		Communication	: - Infrared - Optical Probe - LoRaWAN - RS485 and carrier
at P.F. 1.0	: 0,02 A		
Ref. Frequency	: 50Hz		
Ref. Temperature:	23 °C		
Constants	: 1000 Impulse / kWh		

Produced by :

**FDE FUJIDHARMA ELECTRIC**

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FX190 Dimension

