

### INTRODUCTION

Single phase two wire active electronic kilowatt-hour meter is designed for electricity utilities residential to measure 50/60 Hz active energy consumption, the meter developed by microelectronic technology and special large-scale integrated circuits, processing by SMT technology. The Meter is adopt high reliable and long-life electric components, hi-overload, no need re-calibrate for long term operation

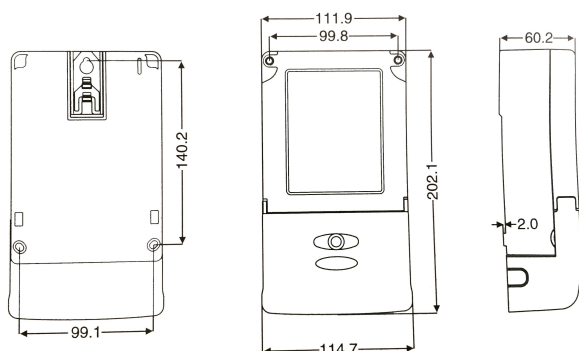
### FUNCTIONS

- ◆ Installation: Front board three fixed installation
- ◆ Meter Case: Transparent Poly-carbonate anti flaming
- ◆ Extended Temrinal Cover with seal prevent user change wiring
- ◆ Display: LCD display 6+2 digital
- ◆ Four LED display : Rev., Pulse, Tamper, Power
- ◆ Tamper proof function: wiring change, Neutral missing
- ◆ Active energy (kWh) with Max demand (kW), interval length of 15m 30, 60mins
- ◆ Embed with battery can be operate during main power failure
- ◆ Forward active energy and reverse active energy measurement
- ◆ Meter comply with international standard IEC62053-21 & IEC62052-11
- ◆ Dimension: 114mm width, 202mm length, 60mm height

### TECHNICAL PARAMETERS

Model NO.	DDS228
Accuracy	Class 1.0
Rated voltage	AC 220V, 230V, 240V
voltage range	0.8 ~ 1.2Un
Rated current	10(60)A
Operation current range	0.05Ib~ I <sub>max</sub>
Starting current	0.4%Ib
Rated frequency	50Hz or 60 Hz
Power consumption	1W / 8VA
Impulse constant	1600imp/kWh
Relative humidity	≤ 85%
Operation temperature	-10°C ~ +60°C

### DIMENSION



### WIRING DIAGRAM

