

# DDSK1710

**ADVANCED SINGLE PHASE ELECTRONIC ENERGY METER**

DDSK1710 Single Phase Smart Meter is a new generation high-tech energy metering products. The meter is equipped with high speed data processing chip, permanent memorizer, RS485 interface, remote communication module, infrared communication, big LCD screen with wide temperature and other advanced technology.



**ACCURACY CLASS 1.0**

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## ADVANCED SINGLE PHASE ELECTRONIC ENERGY METER



### Main Parameters

Accuracy Class	Active Class 1.0
Rated Voltage	230 V
Rated Current (max)	5 (60) A
Static Power Consumption	< 1.5 W, 10 VA
Work Temperature	-25 °C ~ +60 °C
Work Temperature (max)	-45 °C ~ +70 °C
Relative Humidity	Average per year < 75 % 30 days (with natural distribution in a year) 95 % Occasionally the other day 85 %
Voltage Range	0.8 Un ~ 1.15 Un
Frequency	(50 ± 2.5) Hz
Starting Current	0.004 Ib
Reliability	MTBF > 10 years

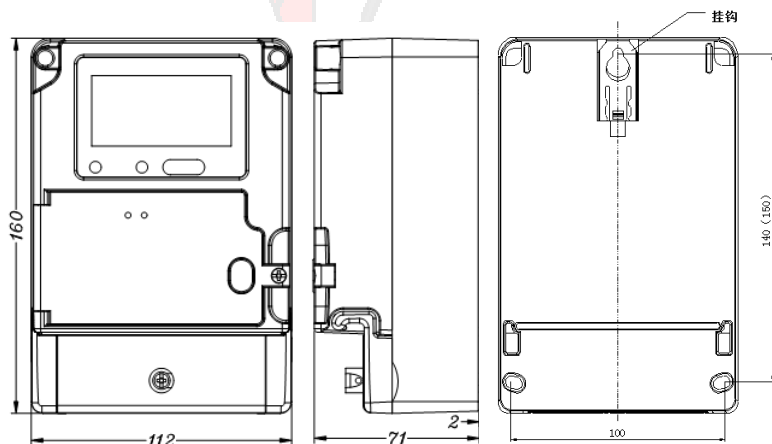
### Clock Parameters

Clock Accuracy	< 0.5s / d (reference temperature 23 °C)
(Daily Error)	< ± 1s / d (-25 °C ~ +60 °C)
Battery Life	10 years
Battery Continuous	> 5 years
Working Hours	> 10 years
Data Retention Time	> 10 years
After Power Off	15 years
Designed Life	

### Dimensions

Dimension	Length x Width x Height = 160mm x 112mm x 71mm
Weight	< 1.0 kg

Overall Dimensions (mm)



Connection Diagram

