

DTSK1710

ADVANCED THREE PHASE ELECTRONIC ENERGY METER

DTSK1710 Three 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 0.2S, 0.5S, 1.0

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Main Parameters

Accuracy Class	Active Class 0.2S, 0.5S, 1.0 Reactive Class 2.0
Rated Voltage	3 x 230 V
Rated Current (max)	3 x 0.3 (1.2) A ~ 3 x 10 (100) A
Static Power Consumption	Each Phase < 1.5 W, 6 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	The transformer connected type: 0.002 In
Reliability	MTBF > 10 years

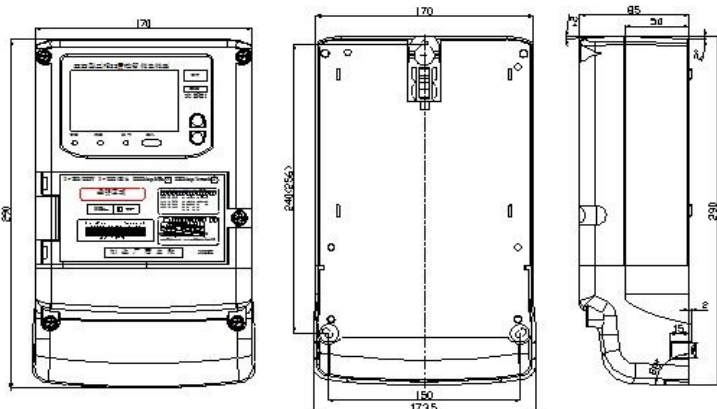
Clock Parameters

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	10 years
Designed Life	10 years

Dimensions

Dimension	Length x Width x Height = 290mm x 170mm x 85mm
Weight	< 3.0 kg

Overall Dimensions (mm)



Connection Diagram

