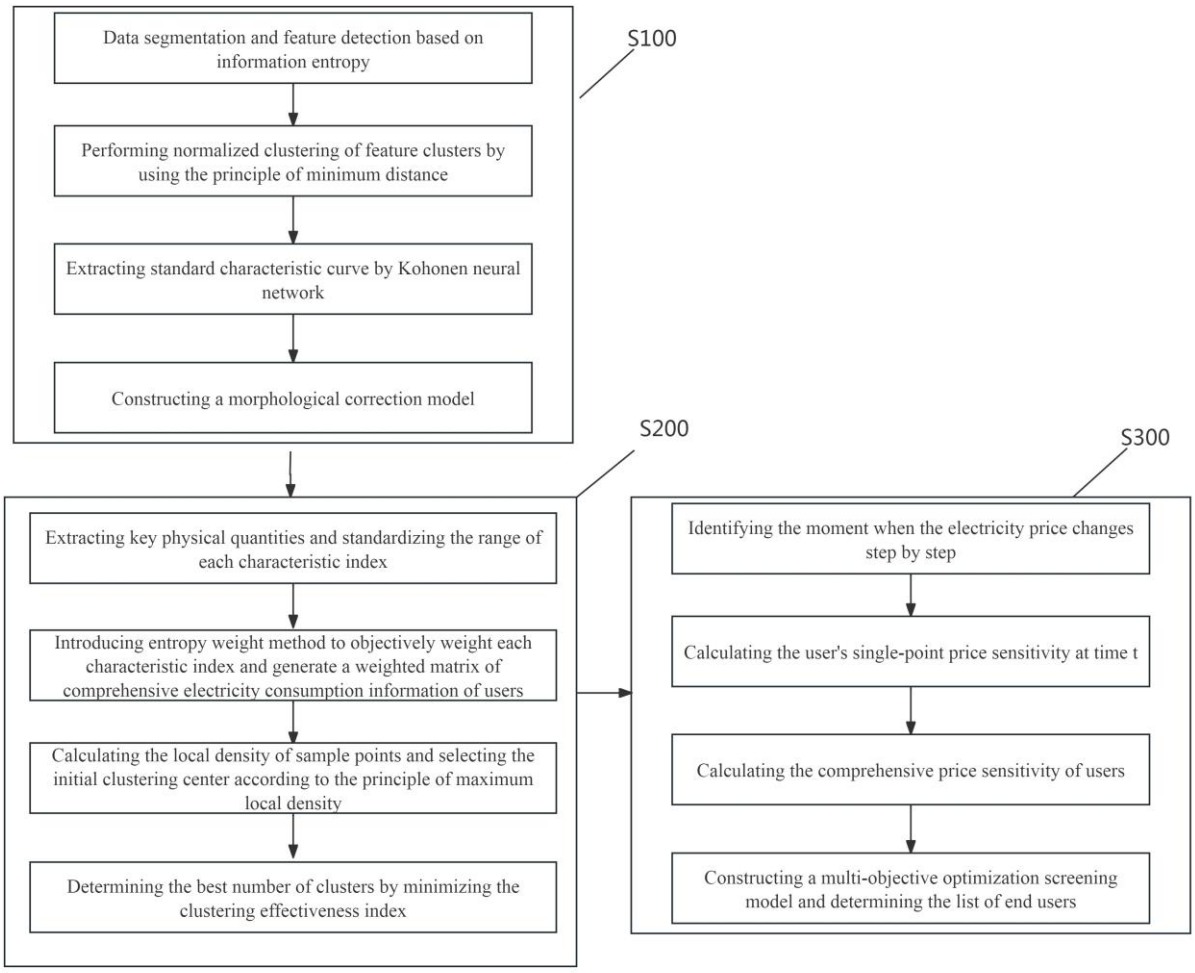
S100
Data segmentation and feature detection based on information entropy
Performing normalized clustering of feature clusters by using the principle of minimum distance
Extracting standard characteristic curve by Kohonen neural network
Constructing a morphological correction model
S200
Extracting key physical quantities and standardizing the range of each characteristic index
Introducing entropy weight method to objectively weight each characteristic index and generate a weighted matrix of comprehensive electricity consumption information of users
Calculating the local density of sample points and selecting the initial clustering center according to the principle of maximum local density
Determining the best number of clusters by minimizing the clustering effectiveness index
S300
Identifying the moment when the electricity price changes step by step
Calculating the user's single-point price sensitivity at time t
Calculating the comprehensive price sensitivity of users
Constructing a multi-objective optimization screening model and determining the list of end users

FIG. 1