Onc-ficas pad

A pad is a large nonrepeating set of letters.
Each letter in the pad encrypts one character of the plaintext by addition modulo 26.

- The pad characters must be generated randomly.
- The pad sequence can Never be reused. If the same key is used, someone can slide the ciphertexts and count the matches to reversely construct the key.
- The pad cannot be smaller than the plaintext.
- The Sender + Recipient both have access to the pad.

Example
ciphertext IGOPOVMOHY
$H+A \bmod 2 b=I$
$E+B \bmod 26=G$
$L+C \bmod 26=0$
$L+D \bmod 26=P$
$0+Z \bmod 26=0$

$$
\begin{aligned}
& W+Y \bmod 26=V \\
& O+X \bmod 26=M \\
& R+W \bmod 26=0 \\
& L+V \bmod 26=H \\
& D+U \bmod 26=Y
\end{aligned}
$$

