

# P-Q Diagram

**500KW BESS PCS**

**TPCS-500-G**



# 1.Introduction

This document describes the P-Q diagram of TPCS under different temperatures.

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## 2.TPCS 500 P-Q Diagram

TPCS-500-G can support the grid by supplying reactive power in different ways. The shaded area in the diagram below shows the P-Q capability of the PCS. The rated power  $P_n$  for TPCS-500-G is 500kW.  $V_n$  is the rated voltage. The range of power factor is  $-0.98 \sim 0.98$

