**Panzer Section**

**Tiger I E**

**Schwere Panzer (Porsche) Platoon**

Leutnant

Unteroffizier

Command Tiger (P)

Tank

Tiger (P)

HQ Section Panzer Section

Tank

**Design Features**

The competition between Porsche and Henschel to produce the next German heavy tank had been intense and the resulting designs were very similar. Both had the same armour specifications and mounted the same gun in the same Krupp-designed turret.

**Petrol–Electric Transmission**

The basic principle of the petrol-electric transmission is that each petrol engine spins a dynamo to generate electricity. This then powers an electric motor that powers the drive sprocket. In theory, the result is a smooth transmission with no need to change gear and plenty of torque. In practice, the system proved too complicated and unreliable.

**Tiger I (P) and Tiger I E Side-by-Side Comparison**

**Schwere Panzer (Porsche) Platoon**

**LEUTNANT**

**Unteroffizier**

**100 Points**

**Schwere Panzer (Porsche) Platoon**

**ESCORT TANKS**

The Tiger battalions sent to Africa had a Panzer IIB escort tank for each Tiger tank to protect them from infantry and anti-tank guns. With their much lighter armour, their life expectancy was low.

The companies fighting in Sicily and Italy dropped the Panzer IIB tank in favour of more Tiger tanks.

Any German company may replace all of its Schwere Panzer (Porsche) Platoon with Schwere Panzer (Porsche) Platoons, and replace all Tiger I E tanks in the Company HQ with Tiger (P) tanks at no cost.

**Specifications**

**Tiger (P) Specifications**

**Designation:** Panzerkampfwagen VI, Tiger (P)

**Crew:** 5 (commander, gunner, loader, driver, co-driver)

**Weight:** 132,000 kg

**Dimensions:**

* Length: 32'9"
* Width: 12'1"
* Height: 9'2"

**Armament:**

* 1 x 8.8cm KwK43 gun
* 2 x 7.92mm MG34 machine-guns

**Armour:**

* Front: 130mm
* Side: 120mm
* Top: 170mm

**Engine:** 2 x 535hp Maybach HL231A engine

**Transmission:** Electric

**Fuel:** 1,160 imperial gallons

**Performance:**

* Maximum Speed: 35 km/h
* Range: 150 miles
* Armament: 8.8cm KwK43 gun

**Anti-Tank Firepower:**

* Shell: 115mm

**Tiger (P) in Combat**

The Tiger (P) was scheduled to be sent to Africa where their air-cooled engines were proving too complicated and unreliable. In practice, the system proved too complicated and unreliable.

**Combat Service**

The Tiger (P) was scheduled to be sent to Africa where their air-cooled engines were seen as better suited to the hot and dusty conditions. After delays to modify their electric transmissions, the first five Tiger (P) tanks were sent to Africa for field testing, arriving as the Second Battle of El Alamein began.

Their effect on the battle was more than justified by the effort in getting them operational and production of the Tiger (P) was increased. Two battalions of Tiger (P) were subsequently committed to the theatre since they had been invaluable against the British and American forces.

**Development**

Germany started work on a 47-tonne heavy breakthrough tank in 1937. Like the British Matilda, the French Char B, and the Soviet T-34, this tank was intended to breach WWI-style trench lines so that the light and medium tanks could fight a mobile battle. After three successively heavier designs, the 43-tonne VK4501 specification was given to both Porsche and Henschel in May 1941. The Porsche prototype, now known as the Tiger (P), was finished in April 1942.

Its suspension consisted of six pairs of steel-tyred rubber-cushioned road wheels with rear drive sprockets instead of the more usual front sprocket. Two air-cooled V-12 engines drive generators that powered an electric motor for each drive sprocket. This ambitious design had more theoretical advantages, but proved to be troublesome in practice.

As production of both designs was scheduled to begin in July, there was little time for testing or fixing the problems with the petrol-electric drive. With five tanks built, production was halted to enable the petrol-electric drive to be fixed. Production was then restarted. Two operational and production of the Tiger (P) was halted in May 1943.

Problems had been resolved and Hitler ordered production to be increased to compensate. By February 1943 many of the mechanical problems had been resolved and Hitler ordered the massive 8.8cm L/71 PaK43 to be fitted to the Tiger (P). With five tanks built, production was halted to enable the petrol-electric drive to be fixed. Production was then increased to compensate.

The Tiger (P) was scheduled to be sent to Africa where their air-cooled engines were proven too complicated and unreliable. In practice, the system proved too complicated and unreliable.

**Tiger (P) Heavy Tank**

**Tiger I E**

Schwere Panzer (Porsche) Platoon

Leutnant

Unteroffizier

Command Tiger (P)

Tank

Tiger (P)

HQ Section Panzer Section

Tank

**Total Points**

2 Tiger (P) and 3 Panzer III N: 970 points

1 Tiger (P) and 1 Panzer III N: 465 points

Replace all Panzer III N tanks with Panzer III L or M tanks for 45 points/3 tanks.

4 Tiger (P): 3540 points

3 Tiger (P): 3185 points

2 Tiger (P): 770 points

1 Tiger (P): 385 points

Remember to roll for your Tiger Ace skills before each game.

**Equipment**

**Armament:**

1 x 8.8cm KwK43 gun

**Armour:**

* Front: 110mm
* Side: 80mm
* Top: 90mm

**Equipment and Notes**

* Protected armour
* Unclinable, wide tracks