

► Relevant types: FIGHT GHOST DARK DRAGON ICE ROCK GROUND ELECTRO GRASS WATER

► Less Relevant types (for generations 1 to 4): FIRE STEEL FAIRY

► Not Relevant types: PSYCHO FLYING POISON BUG NORMAL

► Pokémons with barred names mean that there are either not still available in the game, or that it is worthwhile to wait a Community Day before evolving it.

► Moves with symbol † are legacy and unavailable.

►  means that the Pokémons can mega-evolve at generation 6.

► Neutral DPS, Effective Health, and TDO are computed for Pokémons at level 40, with perfect IVs.

► **Neutral DPS** (Damage per Second) represents how much damage a Pokémon can make in a second. It depends on the Pokémon's attack stat (base ATT + IV ATT)  $\times$  0.7903, on the Pokémon's fast and charged moves and on the "Same Type Attack Bonus" (STAB, 25% damage boost of a move when it is the same type as one of the types of the Pokémon using the move). They define the damages and the necessary energy for realising the damages.

DPS $\leq$ 12.5	not an attacker
12.5 < DPS $\leq$ 16	a good attacker (but privilege IV ATT = 15, and level up to 35)
DPS $>$ 16	excellent attacker

► The **Effective Health (EH)** is computed via the formula:

$$EH = (\text{base DEF} + \text{IV DEF}) \times (\text{base HP} + \text{IV HP}) \times \frac{0.7903^2}{900}$$

EH $\leq$ 25	very fragile
25 < EH $\leq$ 30	fragile but viable
30 < EH $\leq$ 35	bulky
EH $>$ 35	very bulky

► **TDO** (Total Damage Output) represents how much damage a Pokémon can make before it faints. It is computed via the formula: TDO = DPS  $\times$  EH.

► Base Statistics: <https://pokemon.gameinfo.io>, <https://pokegocomplete.com> (generations 1 to 7)

► Comprehensive DPS/TDO spreadsheet: <https://pokemongo.gamepress.gg/comprehensive-dps-spreadsheet>

► How DPS, TDO are computed: <https://pokemongo.gamepress.gg/tdo-how-calculate-pokemon-ability-outdated>

► Raid simulator: <https://www.pokebattler.com>

► Sheets "Best Pokémons in Pokémons Go": <https://imgur.com/a/2HVx6LX>

## Fighting

### Machamp

### Hariyama

FIGHT FIGHT



Ideal moveset	● Counter (12) ● Dynamic Punch (90)	● Counter (12) ● Dynamic Punch (90)
ATT	234	209
DEF	159	114
HP	207	302
DPS	16.21	15.19
Effective Health	26.81	28.38
TDO	434.6	431.1
Weaknesses	PSYCHIC FAIRY FLYING	PSYCHIC FAIRY FLYING
Comments	Best Fighting Pokémon	Bulkier, less DPS until gen 5

Other viable alternatives: Breloom (more DPS than Machamp, but very low EH), Mewtwo (with Focus Blast, DPS: 13.64, good EH, and not weak to psychic moves)

Generation 5 competitor: Conkeldurr (higher DPS&TDO than Machamp)

This type is useful versus NORMAL DARK ICE STEEL ROCK and versus the following raid bosses:



# Ghost

## Giratina (O)

GYHOST DRAGON



## Gengar

GYHOST POISON



## Mewtwo

PSYCHIC



Ideal moveset	Shadow Claw (9) Shadow Ball (100)	Lick† (5) / S.Claw† (9) Shadow Ball (100)	Psycho Cut (5) Shadow Ball† (100)
ATT	225	261	300
DEF	187	149	182
HP	284	155	214
DPS	15.81	18.11	15.23
Effective Health	41.91	19.35	31.31
TDO	662.8	350.4	476.9
Weaknesses	ICE FIRE DRAGON GHOST DARK	PSYCHIC GHOST DARK GROUND	GYHOST DARK BUG

Comments Its amazing bulk and moves make it the ghost King.  
Very fragile. Do not use against counters with Psychic attacks.  
Worse Giratina. DPS corrected for Psychic opponents

Generation 5 competitor: Chandelure (more DPS&TDO than Gengar, but still fragile)

This type is useful versus PSYCHIC GHOST and versus the following raid bosses:



# Dark

## Darkrai

DARK



## Tyranitar

ROCK

DARK

DARK



## Weawile

DARK

ICE



Ideal moveset	Snarl (12) Shadow Ball (100)	Bite (6) Crunch (70)	Feint Attack (10) Foul Play (70)
ATT	285	251	243
DEF	198	207	171
HP	172	225	172
DPS	16.8	14.28	15.13
Effective Health	27.64	36.97	24.14
TDO	464.4	527.8	365.1
Weaknesses	FIGHT FRIEND BUG LUTHER GRASS STEEL GROUND	FIGHT FRIEND BUG LUTHER GRASS STEEL GROUND	FIGHT FRIEND BUG FIRE STEEL ROCK

Comments      Best dark Pokémon      Bulkier, less DPS      Its typing makes him useful versus ice attacks.

Generation 5 competitors: Hydreigon (similar to Tyranitar), Zoroark (as fragile as Weawile)

This type is useful versus PSYCHO GHOST and versus the following raid bosses:



# Dragon

	Rayquaza	Salamence	Palkia	Dragonite	Dialga
Ideal moveset	Dragon Tail (15) Outrage (110)	Dragon Tail (15) Outrage† (110)	Dragon Tail (15) Draco Meteor (150)	Dragon Tail (15) Outrage (110)	Dragon Breath (6) Draco Meteor (150)
ATT	284	277	280	263	275
DEF	170	168	215	198	211
HP	213	216	189	209	205
DPS	18.68	18.27	17.91	17.23	17.09
Effective Health	29.27	29.33	32.56	33.11	34.51
TDO	546.8	535.9	583.2	570.5	589.7
Weaknesses	ICE ROCK DRAGON Fairy	ICE ROCK DRAGON Fairy	DRAGON Fairy	ICE ROCK DRAGON Fairy	FIGHT GROUND
Comments	Rayquaza faces heavy competition	Similar to Rayquaza, less DPS	Its typing gives double resistance to WATER and FIRE moves	Worse Garchomp	It doesn't have the dragon weakness.

Other viable alternatives: **Garchomp** (same DPS as Dragonite, more TDO, however, it is more interesting as GROUND type Pokémon), **Latiis** (less DPS than Dialga)

Generation 5 competitors: **Haxorus** (more fragile than Rayquaza), **Zekrom**, **Reshiram** (same DPS as Salamence, bulkier)

This type is useful versus DRAGON and versus the following raid bosses:



Mamoswine

ICE GROUND

Glaceon

ICE

Weawile

DARK ICE

Mewtwo

PSYCHO



Ideal moveset	• Powder Snow (6) • Avalanche (90)	• Frost Breath (10) • Avalanche (90)	• Ice Shard (12) • Avalanche (90)	• Psycho Cut (5) • Ice Beam (90)
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ATT	247	238	243	300
DEF	146	205	171	182
HP	242	163	172	214

DPS	16.02	15.08	15.13	13.41
Effective Health	28.72	27.18	24.14	31.31
TDO	459.9	409.7	370.1	419.9

Weaknesses	FIGHT FIRE STEEL WATER GRASS	FIGHT FIRE STEEL ROCK WATER GRASS	FIGHT FAIRY BUG STEEL ROCK FIRE	GHOST DARK BUG WATER GRASS
Comments	The undisputed ice King.	Inferior to Mamoswine.	Similar to Glaceon	Bulky, less DPS. Interesting versus Groudon.

Generation 5 competitor: Kyurem (same DPS&TDO as Mamoswine, but with the Dragon weakness)

This type is useful versus DRAGON FLYING GRASS GROUND and versus the following raid bosses:



# Rock

## Ramparos

ROCK



## Tyranitar

ROCK

DARK

ROCK

DARK

ROCK

ROCK

## Rhyperior

GROUND

ROCK

ROCK

ROCK

ROCK

ROCK



Ideal moveset	Smack Down (16) Rock Slide (80)	Smack Down† (16) Stone Edge (100)	Smack Down (16) Stone Edge (100)
ATT	295	251	241
DEF	109	207	190
HP	219	225	251
DPS	18.41	14.41	13.98
Effective Health	20.14	36.97	37.84
TDO	370.8	532.6	529
Weaknesses	WATER GRASS GROUND FIGHT STEEL	FIGHT FAIRY BUG WATER GRASS STEEL GROUND	WATER GRASS GROUND FIRE STEEL ROCK

Comments    Monstrous DPS, but fragile    Great bulk and good DPS    Less DPS than Tyranitar.  
Potential Community Day

Generation 5 competitors: Archeops (as fragile as Ramparos), Terrakion (as bulky as Tyranitar, but more DPS)

This type is useful versus FLYING FIRE ICE BUG and versus the following raid bosses:



## Ground

Groudon

GROUND



Garchomp

DRAGON GROUND



Rhyperior

GROUND ROCK



Mamoswine

ICE GROUND



Ideal moveset	• Mud Shot (5) • Earthquake (120)	• Mud Shot (5) • Earthquake (120)	• Mud Slap (15) • Earthquake (120)	• Mud Slap (15) • Bulldoze (80)
ATT	270	261	241	247
DEF	228	193	190	146
HP	205	239	251	242
DPS	13.96	13.67	12.66	13.12
Effective Health	37.10	36.66	37.84	28.72
TDO	517.8	501.2	478.9	376.8
Weaknesses	WATER GRASS ICE	ICE FAIRY DRAGON	WATER GRASS GROUND FIRE STEEL ROCK	

## Comments

The ground King, in competition with Garchomp

Potential Community Day

Worse Groudon

Good DPS

Generation 5 competitors: Landorus (as good as Garchomp), Excadrill

This type is useful versus STEEL ELECTR POISON STEEL ROCK and versus the following raid bosses:



# Electric

Raikou

ELECTR



Magnezone

ELECTR STEEL



Electivire

ELECTR



Mewtwo

PSYCHO



Ideal moveset	Thunder Shock (5) Wild Charge (90)	Spark (6) Wild Charge (90)	Thunder Shock (5) Wild Charge (90)	Psycho Cut (5) Thunderbolt (80)
ATT	241	238	249	300
DEF	195	205	163	182
HP	207	172	181	214
DPS	16.13	15.68	16.74	14.82
Effective Health	32.36	28.55	24.21	31.31
TDO	522	447.6	405.2	464.1
Weaknesses	GROUND	GROUND FIGHT FIRE	GROUND	GHOST DARK BUG
Comments	Balance stats: great DPS and TDO	Tons of resistance, giving a high TDO when exploited	Amazing DPS, but fragile	Inferior to Raikou

Other viable alternatives : Zapdos (its problem is its ice weakness)

Generation 5 competitors: Zekrom (more DPS&amp;TDO than Raikou, but has the ice weakness), Thundurus (as fragile as Electivire, with the ice weakness)

This type is useful versus **FLYING WATER** and versus the following raid bosses:

# Grass

**Roserade**

GRASS POISON

**Venusaur**

GRASS POISON

**Sceptile**

GRASS

**Exeggutor (A)**

GRASS DRAGON



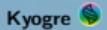
Ideal moveset	• Raser Leaf (13) • Grass Knot (90)	• Vine Whip (7) • Frenzy Plant† (100)	• Bullet Seed (8) • Frenzy Plant† (100)	• Bullet Seed (8) • Solar Beam (180)
ATT	243	198	223	230
DEF	185	189	169	153
HP	155	190	171	216
DPS	15.78	14.78	15.43	13.82
Effective Health	23.60	23.88	24.21	26.93
TDO	372.4	429	368.5	464.1
Weaknesses	FIRE ICE FLYING PSYCHIC	FIRE ICE FLYING PSYCHIC	FIRE ICE FLYING POISON BUG	ICE FLYING BUG DRAGON FABY POISON
Comments	Great DPS	Good DPS and excellent TDO <b>Generation 5 competitors:</b> None	Similar to Roserade	Double resistance to water, electric, grass attacks

This type is useful versus WATER GROUND ROCK and versus the following raid bosses:



# Water

Kyogre



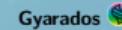
Swampert



Feraligatr



Gyarados



WATER FLYING



Ideal moveset	Waterfall (16) Hydro Pump (130)	Water Gun (5) Hydro Cannon† (90)	Waterfall (16) Hydro Cannon† (90)	Waterfall (16) Hydro Pump (130)
ATT	270	208	205	237
DEF	228	175	188	186
HP	205	225	198	216
DPS	15.91	15.61	14.79	14.23
Effective Health	37.10	31.65	30.01	32.22
TDO	590.3	494	443.9	458.5
Weaknesses	ELECTRIC GRASS	GRASS	ELECTRIC GRASS	ELECTRIC ROCK
Comments	The king of the sea	Inferior to Kyogre. Potential Community Day	Worse Swampert	Useful versus Ground type Pokémon (such as Groudon)

Generation 5 competitors: None

This type is useful versus FIRE GROUND ROCK and versus the following raid bosses:



# Fire

Moltres

FIRE FLYING



Entei

FIRE



Blaziken

FIRE FIGHT



Charizard

FIRE FLYING



Ideal moveset	• Fire Spin (14) • Overheat (160)	• Fire Spin (14) • Overheat (160)	• Fire Spin (14) • Blast Burn† (110)	• Fire Spin (14) • Blast Burn† (110)
ATT	251	235	240	223
DEF	181	171	141	173
HP	207	251	190	186
DPS	16.27	15.50	17.25	15.88
Effective Health	30.20	34.34	22.19	26.22
TDO	491.4	532.3	379.4	416.3
Weaknesses	ROCK ELECTR WATER	ROCK GROUND WATER	PSYCH FLYING GROUND WATER	ROCK ELECTR WATER
Comments	Good DPS & TDO	Bulkier than Moltres	Amazing DPS, but fragile	Worse Moltres

Generation 5 competitors: Reshiram (higher DPS&TDO than Moltres), Chandelure (high DPS, but fragile), Volcarona (high DPS), Darmanitan (high DPS, but fragile)

This type is useful versus ICE GRASS BUG STEEL and versus the following raid bosses:



# Steel

Metagross  

Steel

Dialga  

Steel



Ideal moveset

- Bullet Punch (9)
- Meteor Mash (100)

- Metal Claw (8)
- Iron Head (60)

ATT

257

275

DEF

228

211

HP

190

205

DPS

17.98

15.97

Effective Health

34.57

34.51

TDO

621.7

551

Weaknesses

GHOST  FIRE 

FIGHT 

Comments

Best steel Pokémon

Worse Metagross

Generation 5 competitor: Excadrill (worse Metagross)

This type is useful versus    and versus the following raid bosses:



# Fairy

Gardevoir  PSYCHIC FAIRY



Togekiss  FROST FLYING



Granbull  FIGHTING



Ideal moveset	Confusion (20) Dazzling Gleam (100)	Air Slash (14) Dazzling Gleam (100)	Snarl (12) Play Rough (90)
ATT	237	225	212
DEF	196	217	131
HP	169	198	207
DPS	15.09	13.86	13.48
Effective Health	26.81	34.30	22.49
TDO	404.5	475.5	303.2
Weaknesses			
Comments	Best fairy Pokémon. Potential Community Day	Bulkier, good DPS	A "low cost" fairy Pokémon

Generation 5 competitors: None

This type is useful versus and versus the following raid bosses:



## Psychic (not relevant)

	Mewtwo	PSWCHC	Espeon	PSWCHC	Alakazam	PSWCHC
						
Ideal moveset	Confusion (20) Psychic (100)	Confusion (20) Future Sight (120)	Confusion (20) Future Sight (120)			
ATT	300	261	271			
DEF	182	175	167			
HP	214	163	146			
DPS	16.56	15.62	16.04			
Effective Health	31.31	23.47	20.34			
TDO	518.3	366.6	326.2			
Weaknesses	  	  	  			
Comments	Best psychic Pokémon for generations	Good DPS, a bit fragile	Similar to Espeon, but more fragile			
Generation 5 competitors: None						

This type is useful versus   and versus the following raid bosses: Terrakion (generation 5), Virizion (generation 5)

## Flying (not relevant)

Moltres

FIRE FLYING



Rayquaza

DRAGON FLYING



Honchkrow

DARK FLYING



Ideal moveset	<input checked="" type="radio"/> Fire Spin (14) <input checked="" type="radio"/> Sky Attack (80)	<input checked="" type="radio"/> Air Slash (14) <input checked="" type="radio"/> Aerial Ace (55)	<input checked="" type="radio"/> Peck (10) <input checked="" type="radio"/> Sky Attack (80)
ATT	251	284	243
DEF	181	170	103
HP	207	213	225
DPS	17.36	15.47	16.77
Effective Health	30.19	29.27	19.65
TDO	524.2	452.9	329.5
Weaknesses	<small>ROCK ELECTRIC WATER</small>	<small>ICE DRAGON ROCK FAIRY</small>	<small>ELECTRIC ROCK ICE FAIRY</small>
Comments	Best flying Pokémon versus Virizion	Similar to Moltres	Excellent DPS, but fragile

Generation 5 competitors: Tornadus, Archeops (good DPS, but fragile)

This type is useful versus Poison Fighting and versus the following raid boss: Virizion (generation 5)

## Poison (not relevant)

Roserade

GRASS POISON

Gengar

POISON

Toxicraak

POISON FIGHT



Ideal moveset	• Poison Jab (10) • Sludge Bomb (80)	• Lick (5) • Sludge Bomb (80)	• Poison Jab (10) • Sludge Bomb (80)
ATT	243	261	211
DEF	185	149	133
HP	155	155	195
DPS	15.85	17.33	14.37
Effective Health	23.60	19.35	21.57
TDO	374	335.2	309.9
Weaknesses	PSYCHIC FLYING FIRE ICE	PSYCHO GROUND GHOST DARK	PSYCHIC GROUND FLYING
Comments	Best poison Pokémon	Glass cannon	Worse Roserade

Generation 5 competitors: None

This type is useful versus GRASS FAIRY and versus the following raid boss: Virizion (generation 5)

## Bug (not relevant)

	Scizor	Pinsir	Yanmega
Ideal moveset	• Fury Cutter (3) • X-Scissor (45)	• Bug Bite (5) • X-Scissor (45)	• Bug Bite (5) • Bug Buzz (90)
ATT	236	238	231
DEF	181	182	156
HP	172	163	200
DPS	13.76	14.07	13.63
Effective Health	25.44	24.34	25.52
TDO	350	342.4	347.8
Weaknesses	FIRE	FIRE FLYING ROCK	ROCK FIRE FLYING ELECTR ICE
Comments	Best bug Pokémon	Similar to Scizor	Great versus Grass
Generation 5 competitors: Volcarona (high DPS), Genesect (high DPS)			

This type is useful versus GRASS PSYCHIC DARK. However,

- versus PSYCHIC raid boss, it is more relevant to use GHOST or DARK type counters.
- versus GRASS raid boss, it is more relevant to use FIRE or FLYING type counters.
- versus DARK raid boss, it is more relevant to use FIGHT type counters.

# 10 best investments for PvE

Machamp

FIGHT



Raikou

ELECTR



Mamoswine

ICE

GROUND



Giratina (O)

GHOST

DRAGON



Metagross

STEEL

PSYCH



Ideal moveset

- Counter (12)
- Dynamic Punch (90)

- Thunder Shock (5)
- Wild Charge (90)

- Mamoswine (6)
- Avalanche (90)

- Shadow Claw (9)
- Shadow Ball (100)

- Bullet Punch (9)
- Meteor Mash (90)

Alternatives

None

Magnezone

Weavile (Avalanche)

Mewtwo (Shadow Ball)

None

Rayquaza

DRAGON FLYING



Tyranitar

ROCK DARK



Tyranitar

ROCK DARK



Roserade

GRASS POISON



Kyogre

WATER



Ideal moveset

- Dragon Tail (15)
- Outrage (110)

- Smack Down (16)
- Stone Edge (100)

- Bite (6)
- Crunch (70)

- Raser Leaf (13)
- Grass Knot (90)

- Waterfall (15)
- Hydro Pump (130)

Alternatives

Salamence (Outrage),  
Dragonite

Ramparos

Weavile (Foul Play)

Venusaur (Frenzy Plant)

Swampert (Hydro  
Cannon)