



## The Easy Choice for **Agricultural Industry**

### **TRACTORWATT** PTO Generators

In the philosophy of ensuring continuity of energy supply in farms and fields, NSM has developed the **Tractorwatt**, a signature product successfully manufactured for over two decades.

A Power Take-Off generator supplying the needed energy in any place where there is no access to the grid, thanks to the easy and secure coupling directly to the tractor's 3-point linkage.

**Tractorwatt** includes a 3-phase alternator (2 or 4 Poles - compound or AVR), a fully accessorized control panel with differential and thermomagnetic protection, a gear box with safety guard, and a sturdy roll bar frame.

When power supply becomes critical or in any case of emergency, this quiet and dependable power system turns out to be a **safe and versatile instant solution**. Even if expressly designed for farming and agricultural use, it comes in handy whenever an electricity source is needed.

**Just need a tractor drive and it's a done deal.**



## **TRACTORWATT**

### PTO Generators - Three-phase - 2 and 4 Poles

Brush with Compound

Brush with AVR-d

Brushless with AVR

#### Key features:

- Compact design
- Stackable
- Easy to carry
- 100% tested
- Tropicalised windings
- Easier maintenance for all the handily accessible components
- Available both in IP23 and IP44 protection

*On request, Tractorwatt with:*

- Deluxe control panel
- Welding alternator
- Single-phase alternator



**ZW** Three-phase Brush Generators with Compound - 2 and 4 Poles

Model	Output Power		Frequency	rpm	Driving Power	Recommended Power	Weight	Frame
	3 ph $\cos\phi$ 0,8 [kVA]	1 ph $\Delta$ $\cos\phi$ 1 [kVA max]		[PTO]	4/4 - $\cos\phi$ 0,8 [kW]	[TRACTOR] *	IP 23   IP 44 [kg]	
			[Hz]			[HP]		

## 2 Poles

ZW100 LB	10,0	5,0	50	430	10,0	21	102   112	S
ZW112 SA	12,0	6,0	50	435	12,3	25	110   120	S
ZW112 SB	13,5	7,0	50	435	13,7	28	115   125	S
ZW112 SC	16,0	8,0	50	435	16,0	33	121   131	S
ZW112 MA	20,0	10,0	50	435	19,6	40	148   160	M
ZW112 MC	25,0	12,0	50	435	24,3	50	154   166	M

## 4 Poles

ZW132 XSB	10,0	4,0	50	430	10,4	21	124   151	S   M
ZW132 SA	13,0	5,0	50	430	13,2	27	134   161	S   M
ZW132 SB	16,0	6,5	50	430	16,0	33	143   170	S   M
ZW132 MA	20,0	8,0	50	430	19,6	40	175   187	M
ZW132 LA	25,0	10,0	50	430	24,3	50	193   205	M
ZW132 LB	30,0	12,0	50	430	29,0	60	205   217	M

\* Recommended tractor power, purely indicative value, must be checked with tractor technical data.

**ZRW** Three-phase Brush Generators with AVR-d - 2 and 4 Poles

Model	Output Power		Frequency	rpm	Driving Power	Recommended Power	Weight	Frame
	3 ph $\cos\phi$ 0,8 [kVA]	1 ph $\Delta$ $\cos\phi$ 1 [kVA max]		[PTO]	4/4 - $\cos\phi$ 0,8 [kW]	[TRACTOR] *	IP 23   IP 44 [kg]	
			[Hz]			[HP]		

## 2 Poles

ZRW100 LB	10,0	5,0	50	430	9,9	20	99   109	S
ZRW112 SB	13,0	6,5	50	435	13,0	27	111   121	S
ZRW112 SC	15,0	7,5	50	435	14,9	31	118   128	S
ZRW112 MA	20,0	10,0	50	435	19,4	40	144   156	M
ZRW112 MC	22,0	11,0	50	435	21,3	45	150   162	M

## 4 Poles

ZRW132 XSB	10,0	4,0	50	430	10,4	21	120   147	S   M
ZRW132 SA	13,0	5,0	50	430	13,2	27	130   157	S   M
ZRW132 SB	15,0	6,0	50	430	15,0	31	139   166	S   M
ZRW132 MA	20,0	8,0	50	430	19,4	40	171   183	M
ZRW132 LB	27,0	11,0	50	430	26,1	55	201   213	M
ZRW132 LC	30,0	12,0	50	430	29,0	60	213   225	M

\* Recommended tractor power, purely indicative value, must be checked with tractor technical data.

**TBW - TBM** Three-phase Brushless Generators with AVR - 4 Poles

Model	Output Power		Frequency	rpm	Driving Power	Recommended Power	Weight	Frame
	3 ph $\cos\phi$ 0,8 [kVA]	1 ph $\Delta$ $\cos\phi$ 1 [kVA max]		[PTO]	4/4 - $\cos\phi$ 0,8 [kW]	[TRACTOR] *	IP 23   IP 44 [kg]	
			[Hz]			[HP]		

TBW132 XSB	10,0	4,0	50	430	9,9	21	145   157	M
TBW132 SB	15,0	6,0	50	430	14,3	31	164   176	M
TBW132 MA	20,0	8,0	50	430	18,6	40	181   193	M
TBW132 LB	25,0	10,0	50	430	22,9	50	211   223	M

TBM180 MA	40,0	14,0	50	395	36,3	80	340   373	L
TBM180 LA	50,0	17,5	50	395	45,1	90	366   399	L
TBM180 LB	63,0	22,0	50	395	57,2	115	394   427	L
TBM225 SA	75,0	26,3	50	395	66,3	130	482   515	L

\* Recommended tractor power, purely indicative value, must be checked with tractor technical data.



## AMER Group

Amer Group is a global enterprise with 6 production facilities throughout northern Italy and Switzerland; and 3 well-integrated branches providing sales, distribution & after-sales support around the world.

This network has been growing for 40 years, thanks to our commitment, to small daily improvements and especially to the strategic choice to reinvest our profits in Research & Development and facilities.

Our comprehensive custom solutions, such as generators, electronic control systems, DC motors, traction and linear motion systems, have been developed to carefully satisfy our international partners' needs.

Thanks to them, and to a tight-knit team that shares the company vision, we have become an important key player and a worldwide point of reference.

## NSM

At NSM, we are dedicated to manufacturing **synchronous alternators and welders, PTO generators, and Permanent Magnet Generators (PMG).**

We have solid roots thanks to almost 60 years of experience in producing and exporting our high-quality machines to more than 60 countries across the world.

Consistently with our role as key industry players, we never stop researching and developing innovative solutions for whatever the future of energy generation entails.

The real value of being **Made in Italy**: a mark of origin that we can proudly bear as we are one of the very few companies boasting all the production cycles, from design to manufacturing, in our Italy-based factories.

**A 100% Italian entrepreneurial story**, capable of conquering international markets and anticipating industry trends.



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