



Model:  
**EY 50 TCS**

## TRACTOR COUPLING GENERATING SETS

PTO Generating Sets are suitable for those who have access to a tractor, they are easily and reliably put in motion by the tractor's power take off. They are rated at 1500 rpm for continuous use. All models are equipped with Automatic Voltage Regulator and the panel with three analogue instruments standard included.

### Generating Set

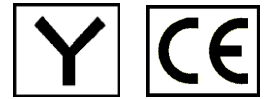
Prime Power	[KVA]	<b>50</b>
Prime Power	[KW]	<b>40</b>
Stand-by Power	[KVA]	<b>55</b>
Stand-by Power	[KW]	<b>44</b>
Voltage	[V]	<b>230/400</b>
Alternator RPM.	[rpm]	<b>1500</b>
Frequency	[Hz]	<b>50</b>
Cosφ		<b>0.8</b>
Tractor Power	[hp]	<b>100</b>
Overgear Ratio		<b>1:3.8</b>
Input revol. in the overgear	[rpm]	<b>395</b>
Overgear oil capacity	[lt]	<b>1</b>

### Alternator

Manufacturer	<b>MECC-ALTE</b>
Model	<b>ECO 32 1L</b>
Poles number	<b>4</b>
Number of phases	<b>3</b>
Type	<b>Brushless</b>
Regulation	<b>Electronic AVR</b>
Protection level	<b>Std. IP 21</b>
Overload accepted	<b>10%</b>
Voltage accuracy	<b>±1%</b>

### Dimensions and Weight

Length	[mm]	<b>1150</b>
Width	[mm]	<b>950</b>
Height	[mm]	<b>1000</b>
Weight	[kg]	<b>408</b>



### Standard Equipment



Three-phase Alternator



Oil of first filling into the overgear



3 points base



Electric manual panel with 1 CEE socket 230 V single-phase 3 poles, 1 CEE socket 400 V three-phase 5 poles, 1 magnetothermal differential switch, voltmeter, frequency meter and ammeter



Alternator with Automatic voltage regulator



Version with IP44 filters

All data included in the present datasheet, refer to specific ambient conditions of 25°C temperature, 100 mt. a.s.l., r. humidity 30%. They can be found out in the original technical datasheet of the alternator. Values shown are nominal values, they can change in every moment and without warning.

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