



Model: EY42TCS

## TRACTOR COUPLING GENERATING SETS

This type of Generating Set is suitable for those who have access to a tractor, they are easily and reliably put in motion by the tractor's power take off.

### Generating Set

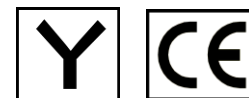
Prime Power	[KVA]	<b>42</b>
Prime Power	[KW]	<b>33.6</b>
Stand-by Power	[KVA]	<b>46.2</b>
Stand-by Power	[KW]	<b>37</b>
Voltage	[V]	<b>230/400</b>
Alternator Speed.	[rpm]	<b>1500</b>
Frequency	[Hz]	<b>50</b>
Power Factor Cosφ		<b>0.8</b>
Tractor Power	[HP]	<b>80</b>
Input Revolutions	[rpm]	<b>430</b>
Over gear Ratio		<b>1 : 3.5</b>
Over gear Oil Capacity	[lt.]	<b>0.5</b>

### Alternator

Manufacturer	<b>LINZ</b>
Model	<b>PRO18 M E/4</b>
Poles number	<b>4</b>
Number of Phases	<b>3</b>
Regulation	<b>AVR</b>
Protection level	<b>IP 44</b>
Overload accepted	<b>10%</b>
Voltage accuracy	<b>±1%</b>
Amps	<b>60.6</b>

### Dimensions and Weight

Length	[mm]	<b>1100</b>
Width	[mm]	<b>950</b>
Height	[mm]	<b>1270</b>
Weight	[kg]	<b>320</b>



### Standard Equipment



Three-phase Alternator



Oil of first filling into the over gear



3 points linkage base frame



Electric Manual Panel with 1 230V socket ECC 32A with switch and 1 ECC socket 5 poles 400V, 1 magnetothermic switch, voltmeter, frequency meter and ammeter



Alternator with Automatic voltage regulator



Version with IP44 Filter protection

All data included in the present datasheet, refer to specific ambient conditions of 25°C temperature, 100mt. 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.