

INOMAX

Product data sheet

Characteristics

MAX500-PV-4132 Solar pump inverter

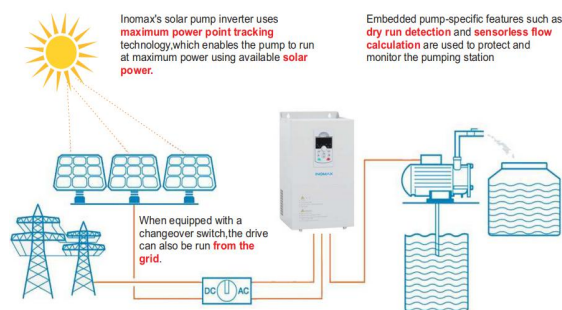
MAX500-PV 132KW/180HP - 380V



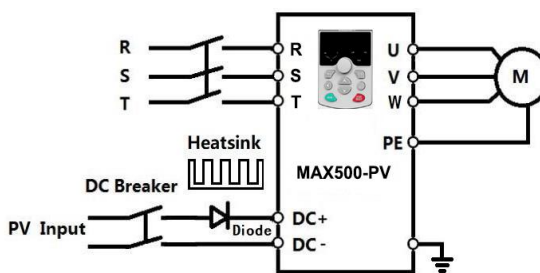
Main Feature

Component name	MAX500-PV-4132
Product or component type	Solar pump inverter
Inverter power kW	132 kW at 380...480 V 3 phases
Inverter power hp	180 hp at 380...480 V 3 phases
match pumps power	132 KW/180HP pump (pump distance to inverter less than 70 meters)
match pumps power	110 KW/150HP pump (pump distance to inverter more than 70 meters)
MPPT efficiency	≥99%
Power supply voltage	DC250V-900V/AC 380...480 V
Recommended input mppt voltage	530V
Max inputDC voltage	900 V (in order to get longer life time of inverter,better no more than 850V)
Out put voltage	AC 380V-480V
Network number of phases	3 phases
Input current	< 500 A
Nominal output current	250 A
Solar panels configuration	Power can be 1.2-1.5 times than pump related power,total VMP more than 530V,total VOC less than 850V
EMC C3 filter	Integrated
Assembly style	With heat sink
Speed drive output frequency	0.1...500 Hz
Ambienttemperature range	-10 °C~55 °C, derating if the temperature is above 40 °C
Protection degree	IP21
Weight (KG)	53
Product Dimension (mm)	620*390*300

Support Both Ac and DC input at the same time, when AC power not enough ,DC power will do compensation.



compensation from Grid to Pv power



for dry run protection or stop when tank is full , no need do any parameters ,just do connection as below is OK

