

<b>// PV SYSTEM</b>		<b>// DESCRIPTION</b>
Vigdu-PR 11 – 13		Up to 3 Inverters and up to 500 kW
Inverter type		String Inverters
Inverter outputs		1 – 3 channels
Reactive Power mode compatible		Yes
<b>// NIGHT OPERATION MODE</b>		
Max. PV voltage		1500 V
Threshold PV Voltages*	High Rail	35V – 500V (Adjustable)
	Low Rail	5V – 470V (Adjustable)
Output voltage to ground		400V - 950V (Adjustable)
Max. output current		1mA - 20mA (Adjustable)
Min. insulation resistance		47 kΩ
<b>// DEVICE OVERALL SPECIFICATIONS</b>		
AC input voltage range		200 Vac ~ 880 Vac
Nominal Frequency		50 ~ 60 Hz.
Power consumption in standby operation		<1W
Maximum AC power consumption		25 VA
Connector type		MC4 / PG
Installation		Indoor / Outdoor IP65
Mounting		Wall mounted
Dimensions		213 x 150 x 70 [mm]
Material		UV resistance polycarbonate
Weight		0.5 Kg
<b>// SAFETY CLASS</b>		
Safety Class		IEC 62109-1
EMC		EN-61326-1 (2013)
<b>// INVIORMENTAL CONDITIONS</b>		
Permissible ambient temperature		-25°C ~ 60°C
Rel. ambient humidity (non-condensing)		Up to 90 %.
Altitude above sea level		Max. 2000 m.
<b>// COMMUNICATION</b>		
Communications		Modbus RTU - RS485
Dry Contact (IN/OUT)		IN/OUT configurable
<b>// REMOTE FUNCTIONS</b>		
Enable/disable		Yes
Threshold PV Voltages*		Yes
Output voltage control		Yes (Adjustable 400V to 950V)
Current limit control		Yes (Adjustable 1mA to 20mA)
Start-up duration time**		Yes (30sec. to 3600sec.)
<b>// MONITORING</b>		
Operational Current		Yes
Operational Voltage		Yes
PV Voltage		Yes
Operation Mode Status		Yes
Malfunctions		Yes