

MODEL	PDS33 - 45kW
DC INPUT	
Max. Input Voltage [V]	800
Start Voltage [V]	350
Min. Input Voltage [V]	220
MPPT Voltage Range [V]	500 - 700
Recommended Input Working Voltage [V]	560
Recommended PV Array Power [kW]	54-72
AC INPUT	
Input Voltage [V]	380(±15%)
Input Frequency [Hz]	50/60
AC OUTPUT	
Output Power [kW]	45
Rated Current [A]	91
Output Voltage [V]	3PH 0 - 380
Output Frequency [Hz]	0 - 50/60
CONTROL PERFORMANCE	
Control Mode	V/F, SVC
Overload Capacity	150% of rated current:60 second; 180% of rated current: 1 seconds
PROTECTION	
Undervoltage Protection	Intergrated
Overvoltage Protection	Intergrated
Overload Protection	Intergrated
Short-circuit Protection	Intergrated
Overheat Protection	Intergrated
Lack of Water Protection	Intergrated
Surge Protection	Intergrated
GENERAL DATA	
Ingress Protection Degree	IP20
Cooling Mode	Air Cooling
Communication Interface	RS485 Communication Interface
Ambient Operating Temperature	-20 °C ~ 60 °C (>45 °C, Rated power will be derated for 1 % by every additional 1 °C
Operation Altitude	Recommended <3000m (Rated power will decrease for 1 % by every additional 100m when the altitude is
Dimension [H x W x D] [mm]	543 x 310 x 280
Weight [Kg]	22.3
Standard Warranty [Month]	18
Certification Standards	CE