

PDS51 7.5kW

MODEL	PDS51 - 7.5kW
DC INPUT	
Max. Input Voltage [V]	900
Start Voltage [V]	220
Min. Input Voltage [V]	200
MPPT Voltage Range [V]	400 - 700
Recommended Input Working Voltage [V]	560
Num. of DC Input [MC4 Connection]	2
Booster Function	/
AC INPUT	
Input Voltage [V]	3PH 280 - 480
Input Frequency [Hz]	50/60
AC OUTPUT	
Output Power [kW]	7,5
Rated Current [A]	17
Output Voltage [V]	3PH 0 - 380
Output Frequency [Hz]	0 - 50/60
CONTROL PERFORMANCE	
Control Mode	V/F, SVC
Supported Motor Type	Asynchronous and Synchronous
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	IP65
Cooling Mode	Natural Convection
External Interface	External LED Keypad
Communication Interface	4G/2G GPRS DTU
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]	315 x 430 x 186
Weight [Kg]	12
Standard Warranty [Month]	18
Certification Standards	CE