

Type Designation Key

GD100 – 5R5G – 4 5 – PV
 ① ② ③ ④ ⑤

Field identification	Sign	Detailed description of the sign	Detailed content
Product abbreviation	①	Product abbreviation	GD100 is short for Goodrive100.
Rated power	②	Power range + Load type	5R5G—5.5kW G—Constant torque load
Voltage degree	③	Voltage degree	4: AC 3PH 380V (-15%)~440V (+10%) 2: AC 3PH 220V (-15%)~240V (+10%) S2: AC 1PH 220V (-15%)~240V (+10%) SS2: AC 1PH input/output 220V (-15%)~240V (+10%)
Protection level	④	Protection level	5—IP54 Standard controller is IP20, not displayed.
Industrial code	⑤	Industrial code	PV stands for PV pump.

Product Specifications

Product function parameters

Model	-SS2	-S2	-2	-4
AC input voltage (V)	220(-15%) ~240(+10%) (1PH)		220(-15%) ~240 (+10%) (3PH)	380(-15%) ~440 (+10%) (3PH)
Max. DC input voltage (V)	440	440	440	800
Start-up voltage (V)	200	200	200	300
Lowest working voltage (V)	150	150	150	250
Recommended DC input voltage range (V)	200~400	200~400	200~400	300~750
Recommended MPP voltage (V)	330	330	330	550
Rated output voltage (V)	220 (1PH)	220 (3PH)	220 (3PH)	380 (3PH)
Output frequency range (Hz)	0~400			
MPPT	99%			
Installation manner	Wall mounting/Rail mounting/Flange mounting			
Environment temperature	-10°C~+50°C, If above 40°C, derate 2% for every additional 1°C.			
Altitude	Below 1000m, If above 1000m, derate 1% for every additional 100m.			
Cooling manner	Fan cooling			
Protection level	IP20; IP54 (Cabinet)			