


GB100-50-3P400



Sales Region	Worldwide (except Japan)
Series	GENESYS+
Model	G+1U 5kW
Status	 Production
Option Lineup	Please refer to here.
Recommended EMC Filter	
Accessories	Please refer to the catalog



Electrical Characteristics

Input	3-phase
Input Voltage Range[AC]	342 to 460Vac
Input Frequency Range	47 to 63Hz
Rated Output Voltage[DC]	100Vdc
Output Voltage[DC]	0 to 100Vdc
Rated Output Current	50A
Output Current	0 to 50A
Rated Output Power	5000W
Efficiency	91% Typ.
Voltage Ripple Noise	0.015Vrms (5Hz to 1MHz)
Current Ripple Noise	0.023Arms (5Hz to 1MHz)

Package Type & Size

Package Type	1U Rack mount / Bench top
Width(W)	423mm Nom. (16.65in Nom.)
Height(H)	43.6mm Nom. (1.72in Nom.)
Depth(D)	441.5mm Nom. (17.38in Nom.)
Weight	7500g Typ. (16.5lbs Typ.)

Other

Interfaces Included	LAN (LXI compliant)
	USB
	RS-232
	RS-485
Interface Options	Isolated analog voltage control
	GPIB
	EtherCAT
Operating Temp. Range	Modbus-TCP
	0 to 50°C

Safety Standard(Certified)

IEC60950-1

UL60950-1

CSA C22.2 No.60950-1

EN60950-1

Safety Standard(Conformed)

Remarks

This page only shows representative characteristics. Please refer to the technical data for detailed specifications and conditions.

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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