TDK-Lambda

EMA12K-850380

SPECIFICATIONS

V011-01-01

ITEMS \ MODEL			EMA12K-850380
INPUT (PV side)			
	Input Voltage Range (DC)	-	50 - 1000VDC
	Start Input Voltage	-	200VDC
	Number of Input	-	1
	Efficiency	-	97.5% (Ta=25degC, Vin=850V, Vout=500V, Pout=12kW)
OUTPUT (Grid side)			
	Maximum Output Power	-	12.0kW
	Output Voltage Range (DC)	-	240-850VDC
	Maximum Output Current	-	35.0A (Please refer to Derating Curve.)
Function			
	Method of MPPT	-	Perturb & Observe
	Remote Connection	-	Half-duplex RS-485 Modbus/RTU Speed 9,600bps/ 19,200bps/ 38,400bps/ 57,600bps(select by DIP-SW)
	Remote ON/OFF	-	Possible (Control via RS-485 or Extra signal)
	Alarm Reset	-	Possible (Latch off via RS-485, RESET SW, or External Signal)
	Parallel operation (Output side)	-	Possible
	Series operation (Output side)	-	Impossible
Environmental			
	Operating Temperature	-	-10ºC to +75ºC (Please refer to Derating Curve.)
	Operating Humidity	-	5 to 95%RH (Non-Condensing, maximum wet bulb temperature 40ºC)
	Cooling	-	Forced Air Cooling by build-in FAN
	Installation Location	-	Indoor use
	Altitude	-	Less than 3,000m
Physical Characteristics			
	Weight	-	Less than 15 kg
	Size (W x H x D)	mm	422.8 x 88.0 x 530.0 (19inch 2U Full Rack Mount)