



F.E. Model: FCOPH016—48V 200A

The FCOPH016 is designed to control the charging of batteries from photovoltaic panels and to control the load voltage supply for voltage sensitive equipment. It is designed for use in remote power supply systems for telecommunications or monitoring equipment.

	Items	Parameters
Regulator	Nominal voltage	48V
	Wire entry size maximum	120 mm ²
	Array input voltage maximum	94V
	Solar charge current maximum per bank	50A
	Solar charge current total maximum	200A
	Boost max. adjustment range	54-68V
	Boost cut in voltage range	48-54V
	Float voltage adjustment range	48-60V
	Supply current maximum	170mA
	Supply current typical	60mA
	Array cable entry size maximum	50 mm ²
Output Voltage Control	Continuous output current maximum	50A
	Current overload limit	70A
	Load cable entry size maximum	50 mm ²
Alarm	Replay contact current(@48V)	1A
	Replay contact voltage maximum	60V(DC)
	Wire entry size maximum	1mm ²
	Alarm input sense current	0.5mA
	Alarm input open contact voltage	5V
Environment	Operating temperature range	-15~+55°C
	Non failure condition for short term	-20~+70°C
	Altitude	<5000m
	Weight	16Kg
	Protection class	IP66