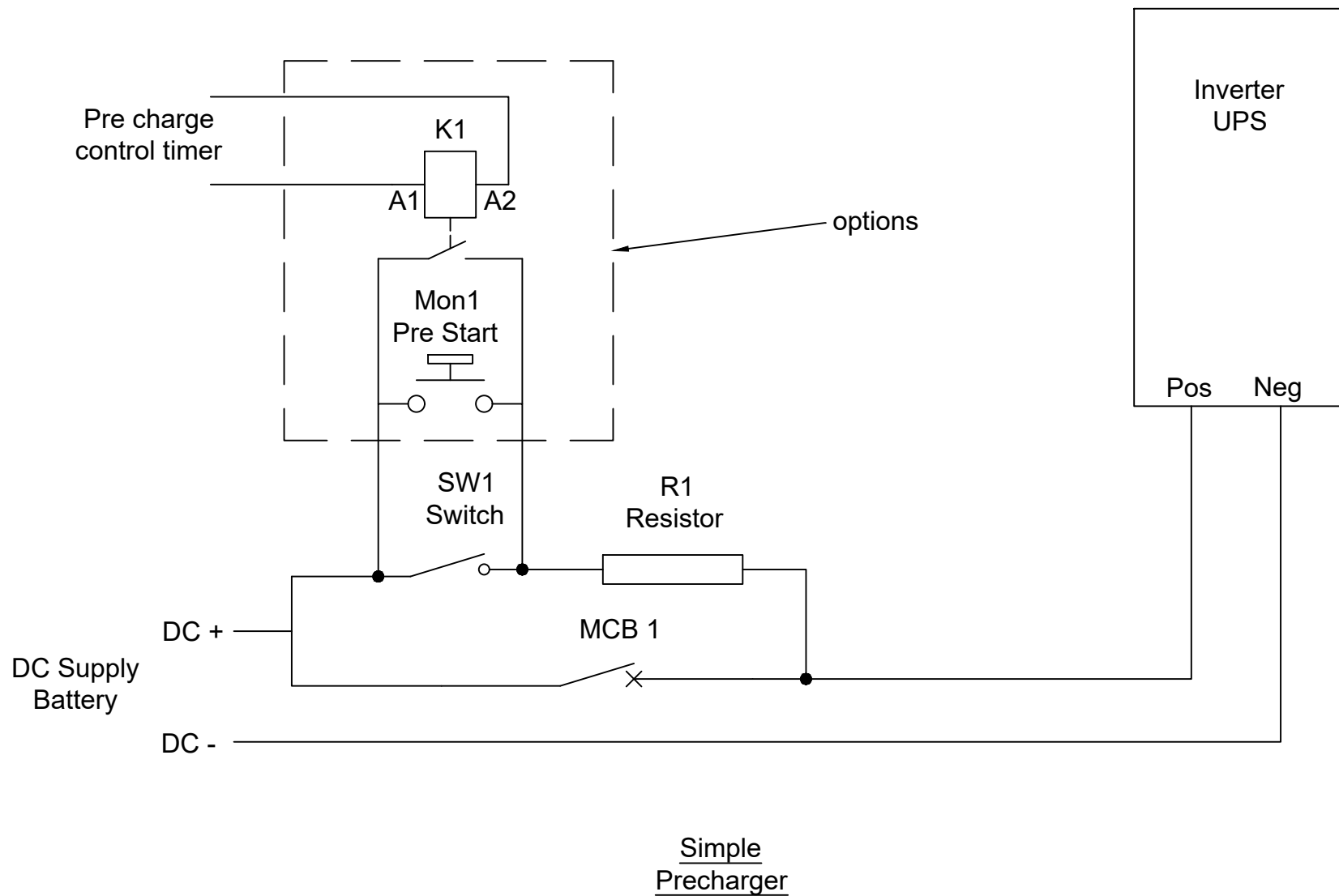


Notes for Precharger		
#	Function	Notes
SW1	Precharge switch	Precharge switch switched on for only about 500mS, rated to handle the current
R1	Precharge	Precharge resistor 10-100 ohms rated to 10 to 100 watts
MCB1	Circuit breaker	Main battery circuit breaker isolator
K1	Relay	Option 1 relay or contactor precharge control via controller
Mon1	Momentary Switch	Option 2 momentary switch for precharge control manual start up
x	x	x



**NOTES:**

1: This simple Precharge will pre charge a UPS , inverter, so as to limit inrush currents causing trip out of circuit breakers etc, or some inverters or BMS to shut down etc.

COPYRIGHT  
RD Electronics & Electrical 2018

**RD Electronics & Electrical**

Engineering & Projects  
11 Selwyn Rd, Rotorua, 3010  
New Zealand  
Ph 07 346043  
MOB 0272898824

PROJECT

Precharge DC Bypass  
Test Circuit

CLIENT

DRAWING TITLE

Bypass Schematic

DESIGN: Rob Duthie

DRAWN: RD

CHECKED:

APPROVED:

DRG DATE: 14/02/2019

DRG No:

REVISION: Rev1.0

PROJECT NUMBER:

SHT No: 0

SCALE: NTS

SHEET: A4

UNITS: MM

REV	DESCRIPTION	DATE