

Quick Cable Reserves The Right to Alter Product Types, Their Technical Data, Dimensions, Style And Accessories Without Prior Notification.

# QUICK CABLE BATTERY ISOLATOR FAMILY

The Multi - Battery Isolator is part of the vehicle Charging and Energy Storage System. It isolates the vehicle's main system battery/batteries from the vehicle's auxiliary battery during vehicle non-running, cranking and running operation while providing a connection to charge both systems.

Model	303300	303301	303302	303303	303304	303305	303306
For Delctron alternator.	YES	YES	NO	NO	YES	NO	YES
DIODE TYPE	Silicon	Silicon	Schottky	Silicon	Silicon	Schottky	Silicon
Input Voltage Range (VDC)	0-50	0-50	0-40	0-50	0-50	0-40	0-50
Max. Alternator current (amp)	70	90	100	120	140	180	200
Max. Forward Voltage Drop (VDC)	0.9	0.9	0.65	0.9	0.9	0.65	0.9
Max. Reverse Leakage Current at 257°F(125°C) (uA)	100	100	100	100	100	100	100
Operating Temp (°C)	-40 to 122 (- 40 to 50)						
Max. Heatsink Temperature °F(°C)	252 (122)	252 (122)	176 (80)	252 (122)	252 (122)	176 (80)	252 (122)
Humidity(%RH)	0-95						
Alternator quantity	1						
Battery quantity	2						
Connect Stud	M6	M6	M8	M8	M8	M10	M10
Housing Material	6063-T5 Aluminum extrusion with anodizing						
Length in(mm)	3.2 (82)	5.0 (127)	5.0 (127)	6.5 (166)	8.0 (204)	8.0 (204)	11.0 (280)
Width in(mm)	4.5 (114)						
Total Height in(mm)	3.3 (83)						
Weight lbs(kg)	1.4 (0.7)	2 (0.9)	2.0 (0.9)	2.5 (1.15)	3.1 (1.4)	3.3 (1.5)	4.0 (1.8)



Property of <b>QUICKCABLE®</b> 800-558-8667 www.quickcable.com				TITLE Quick Cable Battery Isolator Family Spec Sheet			
Confidential and Proprietary Information							
Drawn By <b>GCV</b>	Date <b>06-15-15</b>	Checked	Scale NONE	Size <b>A</b>	Drawing # <b>QC-ISOLATORS</b>	REV	
PART #				Sheet <b>1</b> Of <b>1</b>			

Rev	Date	ECN#	By	Description