

DATASHEET status	ES preliminary			75W-48V Specification CLUB CAR – Model?
Security status				
general specification number or custom specification	prepared	I. Pavloff	REV	
	checked	M.C. Özkilic		
	approved	M. Honsberg		
General	DATE	20.04.2013		

Datasheet SOLAR Charging Module 75W-48V-ClubCar Model ???

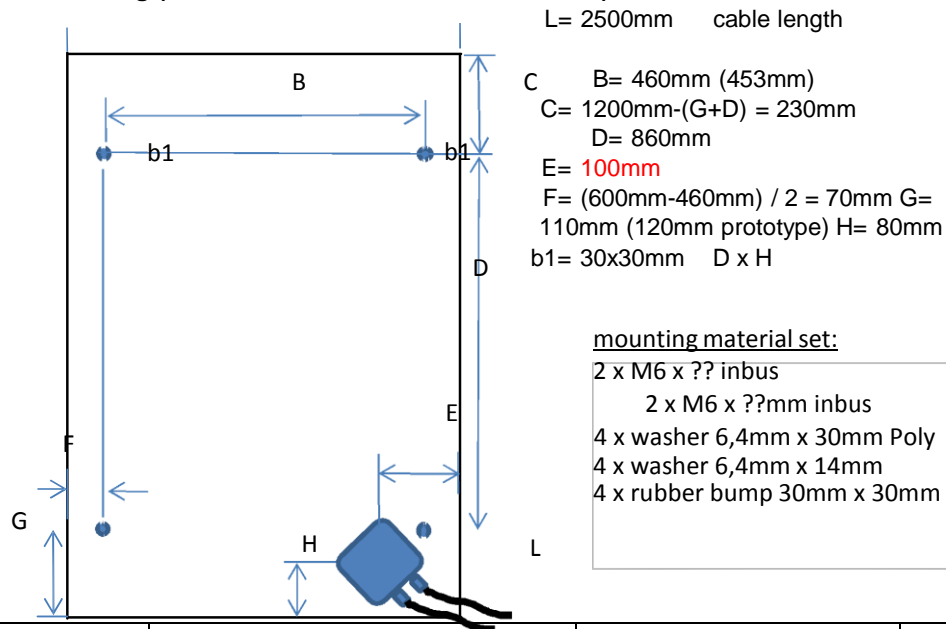
- Type:** Glass-glass solar panel (120cm x 60cm) with integrated battery charger
- Ratings and specifications (at 25°C ambient temperature):**

ITEM	Description	min	typ	max	unit	REV
VMPP	MPP voltage (STC)		48,0		V	
Vbat	Battery voltage range	43,2	48,0	57,6	V	
Veoc	End of charge voltage		54,2		V	
Vres	Resume to charging voltage		48,5		V	
Tstg	storage temperature range	-30		40	°C	
Top	operation temperature range	-30		75	°C	
IL	leakage current (Ta=25°C)		5,0		mA	
Icharge	charge current (STC)			1,57	A	
I fuse	required protective fuse			3,0	A	
P(max)	Power output (STC)			75,36	W	
IP	protection class		65		--	
L	cable length		2,5		m	

3. Notes and precautions:

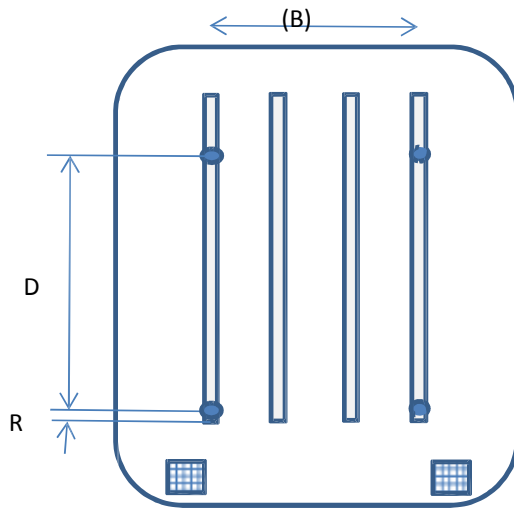
- 1.) STC = Standard Test Conditions = 1000W/m², Tcell = 25°C, Air Mass Index = 1,5
- 2.) The SOLmini-75W-48V-Clubcar is a derivate product of the SOLmini-75W-48V with backside mounting option dedicated for golf cars type ClubCar model ???.
- 3.) The installation should be carried out by qualified technical personnel, the maximum voltages can reach 65V. Use a protective fuse 3A semi time lag.

4. Drawing (SOLmini-75W-48V-ClubCar Model ???):



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5. Drills and holes on roof Clubcar model ??



(B)= 453mm
D= 860mm
R= 20mm

All holes 6,5mm