

DATASHEET status	ES / public		75W-48V Specification YAMAHA G29
Security status			
general specification number or custom specification	prepared	I. Pavloff	
	checked	M.C. Özkilic	
	approved	M. Honsberg	
general	DATE	15.04.2013	

**Datasheet Solar Charging Module 75W-48V-YAMAHA-G29**

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

**Notes and precautions:**

- STC = Standard Test Conditions = 1000W/m<sup>2</sup>, Tcell = 25°C, Air Mass Index = 1,5
- The SOLmini-75W-48V-YAMAHA-G29 is a derivate product of the SOLmini-75W-48V with backside mounting option dedicated for golf cars type YAMAHA G-29.
- 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-YAMAHA-G19):**

