

SmartCharger™ for Li-Ion PowerPacks™




SmartCharger™ 300W



"BigJim" 14V 172Ah batteries with
100W SmartCharger™



SmartCharger™ front with optional
standby+emergency start function

Specification												
Features	<ul style="list-style-type: none"> ➤ Special high-power, high safety, highly reliable charger for Li-Ion battery packs ➤ May be left permanently attached to the batteries. It takes care about battery charging, balancing and also monitors the charging process. ➤ Do not open the battery pressure housing for charging. ➤ Special procedure to revive deeply discharged batteries. ➤ Charge current will be reduced if over-heated. ➤ Water proof housing for on-board usage. ➤ Optionally procedure for standby / emergency with 100% fast charge 											
Type	100W			300W			750W			1200W		
Batt. voltage	14V	25V	50V	14V	25V	50V	14V	25V	50V	14V	25V	50V
Max charge current	6A	4A	2A	18A	10A	5A	N/A	25A	16A	N/A	40A	20A
Size (WxDxH in mm)	175 x 85 x 45			195 x 230 x 70			217 x 225 x 105			190 x 360 x 85mm		
Weight (approx.)	1kg			3kg			5kg			5kg		
Signals	 <p>Power connected to AC power 100% full charged Charging flash codes for CC, CV and balancing phase Error flash error codes for damaged or wrong battery, high temperature</p>											
Connector	SubConn®			Depending battery setup IL-4M to IL-16M or HPBM-4M								
Temperature	-30 ... +40 °C -20 ... +50 °C			Charge temperature Storage temperature; best: +5 to +20°C								
Power	100...240VAC			50...60Hz 85% (100W, 300W); 93% (750W) High efficiency charge controller								
Housing	Anodized aluminium. Passive cooling only – no fan. Water-proof IP65 (except 1.2kW charger)											
Certifications	IP65 protected for on-board usage (except 1.2kW charger); RoHS-directive 2002/95/EG; WEEE 2002/96/EG; Type approved MIL-STD 810G (shock and vibration) and MIL-STD 167 (EMC)											

 **Never use other chargers, modify cables or operate outside the specifications, risk of fire or explosion.**

