BATTERY CHARGER, 452241-S, LEAD ACID

SPECIFICATIONS	6 V	12 V	24 V	48 V
Available versions:	452241-SA	452241-SB	452241-SC	452241-SE
Input voltage:	90-264VAC			
Line frequency:	47-63Hz			
Step 1. Charge current: Orange	1.3A +5/-7%	1.0A +5/-7%	0.5A +5/-7%	270mA +5/-7%
Step 2. Charge voltage: Orange	7.35V	14.7V	29.4V	58.8V
Step 3. Charge termination I <: Green	250mA ±20%			100mA ±20%
Standby voltage:	6.85V	13.7V	27.4V	54.8V
Max output power:	9.5W	14.7W		
Ripple:	<100mV p-p			
Efficiency (at 230V 100% load) approx.:	0.67	0.75	0.82	
Switch frequency approx.:	40kHz			
Leakage current from battery with mains switched off:	≈0			
Protection:	Protected against reversed polarity and short circuit proof			
Temperature range:	**Operating:** -25 to +40°C / **Storage:** -25 to +85°C			
Safety:	**EN** 60950-1 / **EN** 60601-1 / **EN** 60335-2-29, UL60601-1			
Insulation class:	Class II			
Insulation voltage (primary–secondary):	4000VAC/5640VDC			
EMC standards:	**EMC Medical EN** 60601-1-2 / **Emission EN** 61000-6-3 / **Immunity EN** 61000-6-1			
MTBFat Ta = 30°C and full load: Calculated according to MIL–HDBK–217F	>250,000 hours			
Input terminal:	2-pins IEC 60320 connector			
Output terminals:	Cord with/without plug. Exchangeable plugs available.			
IP-Grade:	4X			
Recommended battery capacity:	4-12Ah	3-12Ah	1.5-12Ah	
Dimensions:	103.5×46.8×38.7mm			
Weight:	140g			