

CAREL Charger



Pocket power pack. CAREL is a very small flexible battery charger intended for Sealed Lead-Gel batteries. It is available in 12 and 24 Volt models with 85 Watt output effect. The Batteries are charged using the IUoU charging characteristics. This means charging with full effect until the gassing voltage has been reached. This voltage is kept constant until the charging current has dropped to 0,2 Ampere or until the charging time from start has reached 20 hours. After that the charger automatically changes to maintenance charging (float charging). The batteries will be fully charged without any risk for overcharging

Water proof. The CAREL Charger is encapsulated to IP 67 and is fully waterproof. It can stand water spray and even to be fully submerged in water. This means that it can be used in very tough environments.

Shock proof. The CAREL also stands vibrations very good. This means that it is suitable as on board charger in vehicles also for use on uneven surfaces.

High efficiency. The CAREL has got high efficiency and charges the batteries soundlessly.

Compact. Like all primary switch chargers it is very compact. The height is only 36 mm and the width is 80 mm this making it very easy to place.

EU-norms. CAREL is CE marked which means that it complies with all Euro-norms for battery chargers.

Tackles tough tasks. The encapsulation, the volume, the vibration durability and the efficiency makes the CAREL perfect for a multitude of tough tasks. It is as suitable to charge batteries for cyclical work as it is to do maintenance charging of starter batteries. It can stand difficult working environments both as free standing and as on board charger and will charge the batteries safely and efficiently.-

Technical data:

Part no.	20.40260	20.40261	20.40262	20.40263
description	CAREL PSC 126	CAREL PSC 243	CAREL PSC 1215	CAREL PSC 2408
Type	12 V / 6 A	24 V / 3 A	12 V / 15 A	24 V / 8 A
Charge current	6 A	3 A	15 A	8 A
Charge voltage	14,4 V	28,8 V	14,4 V	28,8 V
Float voltage	13,6 V	27,2 V	13,6 V	27,2 V
Input voltage range	170 - 260 V			
Max. power consumption	100 Watt		250 Watt	
Short circuit safe	yes			
Reversed polarity protection	with 15 A fuse	with 7,5 A fuse	with 25 A fuse	with 15 A fuse
Safety norm	EN 60335-2-29 (CE)			
RFI norm	EN 55014 (CE)			
IP protection	IP65			
Recommandable battery capacity	18 - 80 Ah	9 - 40 Ah	50 - 150 Ah	25 - 80 Ah
Housing	aluminium			
Operating temperature	-25° ~ +50°C			
Size	155 x 80 x 36 mm		190 x 100 x 46 mm	
Weight	900 g		1700 g	