



**SERIE: KRONOS Next**  
**MOD: K48105T**

Nominal output voltage	48V
Charging current	From 10A to 105A ( <i>current can be selected via display</i> )
Battery capacity	From 60Ah to 960 Ah ( <i>charging time for the given capacity may vary based on the current selected</i> )
Nominal input voltage	380-440 Vac / Three-Phase – 50/60Hz <b>(this model requires neutral phase to work)</b>
Input absorption (peak with I <sub>max</sub> selected)	9,5A @ 400 Vac
Nominal power	6600W
AC power cord length	2mt ( <i>AC connector not included, installed under request</i> )
DC cables length	3mt ( <i>DC connector not included, installed under request</i> )
Charging curve	<ul style="list-style-type: none"> <li>• Lead acid traction (2,65 – 2,7 V/cell)</li> <li>• Lead acid (2,4 V/cell)</li> <li>• GEL (2,35 V/cell)</li> <li>• AGM 1 (2,38V/cell)</li> <li>• AGM 2 (2,45V/cell)</li> <li>• Custom curve (<i>created under specific menu “create curve”</i>)</li> </ul> <p><i>(the above mentioned curves can be selected via display)</i></p>
Charging status indicator	High luminesce LED under the battery logo
Power factor	≥ 0,95
Efficiency	≥ 94%
“Soft-Start” mode	Yes
PFC Type	Active
CAN communication	Included ( <i>to activate it, please contact manufacturer to customize the communication protocol</i> )
Protection degree	IP40 (power module IP66)
Working temperature	From -15°C to +55°C
Stock temperature	from -40°C to +65°C
Cooling system	Outside fan
Safety protections	<ul style="list-style-type: none"> <li>- Protection against overheating</li> <li>- Protection against reverse polarity</li> <li>- Protection against short circuit</li> <li>- Auto diagnosis in case of anomalies</li> <li>- Charging cycle interruption in case of anomalies</li> </ul>
Installation	Wall support included (screws supplied in the package)
Accessories available	- Anti-Spark
Product sizes	See page 2
Weight	22 Kg
Packaging quantities per pallet	4 layers – 4 pcs per layer

Technical Drawing

